

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074579.D
 Acq On : 19 Oct 2022 14:23
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:22:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	104557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15609	19.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.100%#		
35) Dibromofluoromethane	7.805	113	19174	18.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.020%#		
50) Toluene-d8	10.269	98	64911	18.654	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	37.300%#		
62) 4-Bromofluorobenzene	12.575	95	19320	16.785	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	33.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16622	20.481	ug/l	97
3) Chloromethane	2.146	50	21312	19.398	ug/l	94
4) Vinyl Chloride	2.281	62	23956	19.718	ug/l	90
5) Bromomethane	2.681	94	20552	22.338	ug/l	96
6) Chloroethane	2.828	64	16955	20.298	ug/l	98
7) Trichlorofluoromethane	3.175	101	35089	20.375	ug/l	100
8) Diethyl Ether	3.587	74	10146	20.344	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	23444	22.771	ug/l	96
10) Methyl Iodide	4.164	142	23617	18.663	ug/l	99
11) Tert butyl alcohol	5.028	59	13615	101.310	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	23137	20.829	ug/l	94
13) Acrolein	3.793	56	8964	104.847	ug/l	94
14) Allyl chloride	4.558	41	23739	19.790	ug/l	98
15) Acrylonitrile	5.263	53	21224	104.127	ug/l	97
16) Acetone	4.016	43	18402	105.566	ug/l	95
17) Carbon Disulfide	4.264	76	61702	20.300	ug/l	96
18) Methyl Acetate	4.558	43	10744	20.381	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	43422	20.005	ug/l	93
20) Methylene Chloride	4.799	84	37382	20.269	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	24621	19.883	ug/l	88
22) Diisopropyl ether	6.210	45	50803	20.988	ug/l #	94
23) Vinyl Acetate	6.152	43	116087	119.118	ug/l	97
24) 1,1-Dichloroethane	6.116	63	37335	19.873	ug/l	98
25) 2-Butanone	7.081	43	24141	103.565	ug/l	98
26) 2,2-Dichloropropane	7.075	77	35697	19.880	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	27046	19.692	ug/l	96
28) Bromochloromethane	7.422	49	6300	13.779	ug/l #	97
29) Tetrahydrofuran	7.446	42	12624	99.295	ug/l	97
30) Chloroform	7.593	83	40712	20.139	ug/l	96
31) Cyclohexane	7.875	56	32718	20.404	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	37275	20.107	ug/l	97
36) 1,1-Dichloropropene	8.005	75	31838	20.386	ug/l	98
37) Ethyl Acetate	7.169	43	10026	20.347	ug/l #	92
38) Carbon Tetrachloride	7.987	117	29924	19.567	ug/l	98
39) Methylcyclohexane	9.275	83	37681	20.193	ug/l	94
40) Benzene	8.252	78	94280	20.341	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074579.D
 Acq On : 19 Oct 2022 14:23
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:22:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5368	17.503	ug/l	97
42) 1,2-Dichloroethane	8.322	62	21204	19.824	ug/l	99
43) Isopropyl Acetate	8.357	43	17912	19.560	ug/l #	87
44) Trichloroethene	9.028	130	27212	20.040	ug/l	94
45) 1,2-Dichloropropane	9.304	63	18439	18.127	ug/l #	87
46) Dibromomethane	9.387	93	10828	18.447	ug/l	96
47) Bromodichloromethane	9.581	83	27183	18.718	ug/l	99
48) Methyl methacrylate	9.381	41	8186	19.560	ug/l	93
49) 1,4-Dioxane	9.381	88	2163	374.417	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	44331	97.325	ug/l	98
52) Toluene	10.334	92	56519	19.772	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	24654	19.308	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	30158	18.732	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	14956	18.545	ug/l	97
56) Ethyl methacrylate	10.599	69	16819	19.079	ug/l	95
57) 1,3-Dichloropropane	10.881	76	24828	18.978	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	14649	74.966	ug/l	98
59) 2-Hexanone	10.922	43	30650	98.586	ug/l	98
60) Dibromochloromethane	11.075	129	18506	19.038	ug/l	98
61) 1,2-Dibromoethane	11.175	107	14742	20.025	ug/l	98
64) Tetrachloroethene	10.810	164	20459	19.846	ug/l	95
65) Chlorobenzene	11.604	112	58227	19.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	20320	20.133	ug/l	97
67) Ethyl Benzene	11.681	91	103124	20.159	ug/l	99
68) m/p-Xylenes	11.793	106	83405	41.006	ug/l	97
69) o-Xylene	12.122	106	38194	20.177	ug/l	94
70) Styrene	12.134	104	65626	20.586	ug/l	99
71) Bromoform	12.298	173	10805	20.391	ug/l #	98
73) Isopropylbenzene	12.422	105	102530	20.526	ug/l	100
74) N-amyl acetate	12.234	43	15222	20.617	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	16498	20.864	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	13504m	25.620	ug/l	
77) Bromobenzene	12.698	156	22147	19.645	ug/l	96
78) n-propylbenzene	12.763	91	122944	20.827	ug/l	99
79) 2-Chlorotoluene	12.851	91	65583	20.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	83586	20.614	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4753	21.719	ug/l	89
82) 4-Chlorotoluene	12.945	91	67273	20.475	ug/l	100
83) tert-Butylbenzene	13.163	119	73374	20.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	80896	20.274	ug/l	98
85) sec-Butylbenzene	13.345	105	110709	20.396	ug/l	99
86) p-Isopropyltoluene	13.457	119	92414	20.322	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	47147	20.125	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	45737	19.943	ug/l	98
89) n-Butylbenzene	13.787	91	83133	20.066	ug/l	98
90) Hexachloroethane	14.051	117	15896	20.083	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	39632	20.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2410	22.038	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	25837	20.042	ug/l	99
94) Hexachlorobutadiene	15.204	225	13912	19.616	ug/l	96
95) Naphthalene	15.328	128	48653	20.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21895	19.813	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
Data File : VD074579.D
Acq On : 19 Oct 2022 14:23
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:22:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:16:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074579.D
 Acq On : 19 Oct 2022 14:23
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

MSVOA_D

Client Sample Id :

VSTDICC020

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 06:22:43 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M

Quant Title : SW846 8260

QLast Update : Thu Oct 20 06:16:59 2022

Response via : Initial Calibration

