

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074653.D
 Acq On : 27 Oct 2022 12:59
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 23:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5239	5.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.400%#		
35) Dibromofluoromethane	7.805	113	6368	4.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.400%#		
50) Toluene-d8	10.269	98	26224	5.814	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.620%#		
62) 4-Bromofluorobenzene	12.575	95	7554	5.124	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	5856	5.781	ug/l	99
3) Chloromethane	2.140	50	9823	7.021	ug/l	99
4) Vinyl Chloride	2.275	62	9285	5.992	ug/l	96
5) Bromomethane	2.687	94	9324	7.891	ug/l	91
6) Chloroethane	2.828	64	6387	6.026	ug/l #	87
7) Trichlorofluoromethane	3.170	101	11218	5.257	ug/l	99
8) Diethyl Ether	3.593	74	2771	4.536	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	7111	5.221	ug/l	94
10) Methyl Iodide	4.158	142	5706	3.717	ug/l #	92
11) Tert butyl alcohol	5.022	59	7305	44.501	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	7444	5.435	ug/l	85
13) Acrolein	3.793	56	1547	14.987	ug/l	97
14) Allyl chloride	4.558	41	7179	4.902	ug/l	98
15) Acrylonitrile	5.258	53	5730	23.244	ug/l	99
16) Acetone	4.022	43	5040	23.553	ug/l	90
17) Carbon Disulfide	4.269	76	22108	5.744	ug/l	97
18) Methyl Acetate	4.564	43	3172	4.972	ug/l #	69
19) Methyl tert-butyl Ether	5.311	73	12046	4.540	ug/l	97
20) Methylene Chloride	4.799	84	27409	12.112	ug/l #	81
21) trans-1,2-Dichloroethene	5.311	96	7897	5.142	ug/l #	81
22) Diisopropyl ether	6.211	45	14073	4.702	ug/l #	84
23) Vinyl Acetate	6.158	43	25144m	19.512	ug/l	
24) 1,1-Dichloroethane	6.105	63	11786	5.117	ug/l	95
25) 2-Butanone	7.087	43	6569	23.000	ug/l	93
26) 2,2-Dichloropropane	7.069	77	10796	4.913	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	8084	4.789	ug/l	93
28) Bromochloromethane	7.416	49	3681	6.324	ug/l #	99
29) Tetrahydrofuran	7.440	42	3629	23.207	ug/l	98
30) Chloroform	7.593	83	12433	5.005	ug/l	99
31) Cyclohexane	7.875	56	11591	5.787	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	11175	4.909	ug/l	98
36) 1,1-Dichloropropene	8.010	75	9118	4.655	ug/l	98
37) Ethyl Acetate	7.163	43	2621	4.318	ug/l #	69
38) Carbon Tetrachloride	7.993	117	8160	4.287	ug/l #	95
39) Methylcyclohexane	9.269	83	10994	4.686	ug/l	96
40) Benzene	8.252	78	28656	4.963	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074653.D
 Acq On : 27 Oct 2022 12:59
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 23:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 23:51:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1221	3.614	ug/l #	80
42) 1,2-Dichloroethane	8.322	62	6599	4.953	ug/l	98
43) Isopropyl Acetate	8.363	43	5336	4.716	ug/l #	82
44) Trichloroethene	9.028	130	8494	5.014	ug/l	91
45) 1,2-Dichloropropane	9.305	63	6326	4.983	ug/l	92
46) Dibromomethane	9.393	93	3664	5.013	ug/l	94
47) Bromodichloromethane	9.581	83	8789	4.884	ug/l	96
48) Methyl methacrylate	9.381	41	2083	4.009	ug/l	92
49) 1,4-Dioxane	9.369	88	710m	98.641	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	12494	22.152	ug/l	95
52) Toluene	10.334	92	18474	5.165	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	7255	4.574	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	9267	4.615	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	5255	5.239	ug/l #	85
56) Ethyl methacrylate	10.599	69	4993	4.563	ug/l	96
57) 1,3-Dichloropropane	10.881	76	7629	4.698	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	3761	15.421	ug/l	91
59) 2-Hexanone	10.922	43	8485	21.917	ug/l	97
60) Dibromochloromethane	11.069	129	5925	4.894	ug/l	100
61) 1,2-Dibromoethane	11.175	107	4554	4.948	ug/l	97
64) Tetrachloroethene	10.810	164	7298	4.944	ug/l	94
65) Chlorobenzene	11.610	112	20205	4.824	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.675	131	6702	4.676	ug/l	99
67) Ethyl Benzene	11.687	91	33959	4.636	ug/l	93
68) m/p-Xylenes	11.787	106	26463	9.027	ug/l	98
69) o-Xylene	12.122	106	12222	4.536	ug/l	92
70) Styrene	12.134	104	20174	4.451	ug/l	98
71) Bromoform	12.298	173	3558	4.745	ug/l #	96
73) Isopropylbenzene	12.422	105	31124	4.300	ug/l	99
74) N-amyl acetate	12.234	43	4493	4.184	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	5433	4.739	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	4134m	5.171	ug/l	
77) Bromobenzene	12.698	156	7734	4.732	ug/l	97
78) n-propylbenzene	12.763	91	37389	4.346	ug/l	98
79) 2-Chlorotoluene	12.845	91	20802	4.483	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	25694	4.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1125	3.554	ug/l	92
82) 4-Chlorotoluene	12.945	91	21511	4.490	ug/l	94
83) tert-Butylbenzene	13.163	119	23443	4.447	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	24941	4.297	ug/l	97
85) sec-Butylbenzene	13.345	105	34088	4.330	ug/l	97
86) p-Isopropyltoluene	13.457	119	28306	4.286	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	16143	4.727	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	16774	5.023	ug/l	96
89) n-Butylbenzene	13.787	91	26599	4.425	ug/l	98
90) Hexachloroethane	14.057	117	5119	4.451	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	14085	4.938	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	637	4.017	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	8578	4.563	ug/l	97
94) Hexachlorobutadiene	15.204	225	4514	4.405	ug/l	90
95) Naphthalene	15.328	128	14519	4.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	7258	4.530	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
Data File : VD074653.D
Acq On : 27 Oct 2022 12:59
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 23:51:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 23:51:06 2022
Response via : Initial Calibration

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

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

