

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075127.D
 Acq On : 18 Jan 2023 12:15
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	84769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	148398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45548	52.639	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.280%			
35) Dibromofluoromethane	7.811	113	47797	52.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.800%			
50) Toluene-d8	10.269	98	182874	52.044	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.575	95	58988	53.170	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	30938	41.753	ug/l	100
3) Chloromethane	2.146	50	51574	46.570	ug/l	100
4) Vinyl Chloride	2.287	62	55568	47.114	ug/l	100
5) Bromomethane	2.687	94	38260	47.121	ug/l	100
6) Chloroethane	2.834	64	40100	49.485	ug/l	100
7) Trichlorofluoromethane	3.175	101	72040	48.557	ug/l	100
8) Diethyl Ether	3.593	74	25300	53.064	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.970	101	43810	47.200	ug/l	100
10) Methyl Iodide	4.164	142	67826	55.218	ug/l	100
11) Tert butyl alcohol	5.052	59	14135	228.161	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	47736	49.157	ug/l	100
13) Acrolein	3.799	56	12462	209.556	ug/l	100
14) Allyl chloride	4.564	41	81866	52.904	ug/l	100
15) Acrylonitrile	5.252	53	54988	265.925	ug/l	100
16) Acetone	4.023	43	67865	292.978	ug/l	100
17) Carbon Disulfide	4.275	76	155289	49.366	ug/l	100
18) Methyl Acetate	4.564	43	32775	52.420	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	109391	53.653	ug/l	100
20) Methylene Chloride	4.805	84	67343	45.494	ug/l	100
21) trans-1,2-Dichloroethene	5.317	96	55654	52.237	ug/l	100
22) Diisopropyl ether	6.216	45	154942	52.980	ug/l	100
23) Vinyl Acetate	6.158	43	333919m	262.866	ug/l	
24) 1,1-Dichloroethane	6.117	63	94281	51.209	ug/l	100
25) 2-Butanone	7.081	43	77336	278.191	ug/l	100
26) 2,2-Dichloropropane	7.075	77	81133	50.050	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	61514	52.033	ug/l	100
28) Bromochloromethane	7.422	49	25204	50.012	ug/l	100
29) Tetrahydrofuran	7.446	42	42992	271.267	ug/l	100
30) Chloroform	7.599	83	95149	51.985	ug/l	100
31) Cyclohexane	7.881	56	79222	46.125	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	79442	49.947	ug/l	100
36) 1,1-Dichloropropene	8.011	75	70556	48.948	ug/l	100
37) Ethyl Acetate	7.169	43	30112	50.942	ug/l	100
38) Carbon Tetrachloride	7.993	117	60299	50.385	ug/l	100
39) Methylcyclohexane	9.275	83	84588	47.867	ug/l	100
40) Benzene	8.252	78	213325	52.107	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075127.D
 Acq On : 18 Jan 2023 12:15
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:09:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16994	47.721	ug/l	100
42) 1,2-Dichloroethane	8.328	62	56986	52.528	ug/l	100
43) Isopropyl Acetate	8.363	43	59554	52.715	ug/l	100
44) Trichloroethene	9.028	130	59422	51.955	ug/l	100
45) 1,2-Dichloropropane	9.305	63	52662	52.282	ug/l	100
46) Dibromomethane	9.399	93	28418	52.746	ug/l	100
47) Bromodichloromethane	9.587	83	70193	53.156	ug/l	100
48) Methyl methacrylate	9.381	41	28151	51.251	ug/l	100
49) 1,4-Dioxane	9.387	88	5280	1038.698	ug/l	100
51) 4-Methyl-2-Pentanone	10.163	43	142443	260.518	ug/l	100
52) Toluene	10.334	92	135910	52.802	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	66290	53.085	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	82581	53.917	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	37811	54.216	ug/l	100
56) Ethyl methacrylate	10.599	69	46406	53.795	ug/l	100
57) 1,3-Dichloropropane	10.881	76	66161	54.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	72168	250.224	ug/l	100
59) 2-Hexanone	10.922	43	107016	269.887	ug/l	100
60) Dibromochloromethane	11.075	129	45958	53.885	ug/l	100
61) 1,2-Dibromoethane	11.181	107	35860	53.185	ug/l	100
64) Tetrachloroethene	10.810	164	46785	48.849	ug/l	100
65) Chlorobenzene	11.610	112	140805	52.125	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	46664	51.007	ug/l	100
67) Ethyl Benzene	11.687	91	249164	50.548	ug/l	100
68) m/p-Xylenes	11.799	106	191827	100.990	ug/l	100
69) o-Xylene	12.122	106	93019	52.002	ug/l	100
70) Styrene	12.134	104	154030	51.465	ug/l	100
71) Bromoform	12.299	173	25168	52.226	ug/l #	100
73) Isopropylbenzene	12.422	105	235104	49.158	ug/l	100
74) N-amyl acetate	12.234	43	52870	50.295	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	39439	50.609	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	24250m	42.068	ug/l	100
77) Bromobenzene	12.704	156	56500	52.012	ug/l	100
78) n-propylbenzene	12.763	91	289455	48.790	ug/l	100
79) 2-Chlorotoluene	12.851	91	161808	49.737	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	198123	50.404	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	11200	50.803	ug/l	100
82) 4-Chlorotoluene	12.951	91	165747	49.200	ug/l	100
83) tert-Butylbenzene	13.169	119	166518	48.652	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	193073	50.109	ug/l	100
85) sec-Butylbenzene	13.346	105	250827	48.468	ug/l	100
86) p-Isopropyltoluene	13.463	119	208497	49.021	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	107297	49.948	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	105166	50.323	ug/l	100
89) n-Butylbenzene	13.793	91	201235	48.766	ug/l	100
90) Hexachloroethane	14.057	117	36111	48.860	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	93606	51.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6253	52.932	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	60933	51.322	ug/l	100
94) Hexachlorobutadiene	15.204	225	28918	49.348	ug/l	100
95) Naphthalene	15.334	128	117677	49.926	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	52164	50.707	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
Data File : VD075127.D
Acq On : 18 Jan 2023 12:15
Operator : KP/SY
Sample : VSTDICCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:09:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:06:43 2023
Response via : Initial Calibration

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

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

