

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076326.D
 Acq On : 05 Jun 2023 14:50
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 02:26:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:19:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	241880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	345892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	171125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	198579	91.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.260%#			
35) Dibromofluoromethane	7.805	113	236714	97.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 194.720%#			
50) Toluene-d8	10.269	98	984031	101.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 203.300%#			
62) 4-Bromofluorobenzene	12.575	95	265470	103.625	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 207.260%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	213604	91.191	ug/l	96
3) Chloromethane	2.146	50	400070	88.884	ug/l	100
4) Vinyl Chloride	2.275	62	550419	93.175	ug/l	99
5) Bromomethane	2.675	94	341284	89.044	ug/l	99
6) Chloroethane	2.822	64	353880	89.393	ug/l	100
7) Trichlorofluoromethane	3.164	101	355974	90.758	ug/l	100
8) Diethyl Ether	3.587	74	129584	101.280	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	235543	93.885	ug/l	97
10) Methyl Iodide	4.158	142	356448	102.093	ug/l	99
11) Tert butyl alcohol	5.058	59	58756	485.097	ug/l	100
12) 1,1-Dichloroethene	3.934	96	257774	96.787	ug/l	99
13) Acrolein	3.793	56	124788	473.552	ug/l	100
14) Allyl chloride	4.558	41	254769	97.354	ug/l	98
15) Acrylonitrile	5.258	53	252546	494.303	ug/l	100
16) Acetone	4.022	43	190140	478.995	ug/l	99
17) Carbon Disulfide	4.264	76	821817	92.512	ug/l	98
18) Methyl Acetate	4.558	43	160309	95.231	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	501526	102.211	ug/l	98
20) Methylene Chloride	4.799	84	293596	97.453	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	295779	95.839	ug/l	98
22) Diisopropyl ether	6.211	45	585955	100.681	ug/l	99
23) Vinyl Acetate	6.152	43	1163776m	525.795	ug/l	
24) 1,1-Dichloroethane	6.111	63	436045	91.739	ug/l	98
25) 2-Butanone	7.081	43	267023	485.793	ug/l	97
26) 2,2-Dichloropropane	7.069	77	364211	92.536	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	330634	99.172	ug/l	98
28) Bromochloromethane	7.422	49	109256	98.985	ug/l	100
29) Tetrahydrofuran	7.446	42	168142	518.499	ug/l	98
30) Chloroform	7.593	83	453082	90.826	ug/l	96
31) Cyclohexane	7.875	56	346098	95.118	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	374693	94.323	ug/l	97
36) 1,1-Dichloropropene	8.005	75	351981	100.761	ug/l	99
37) Ethyl Acetate	7.169	43	120305	104.388	ug/l	97
38) Carbon Tetrachloride	7.987	117	310359	101.351	ug/l	99
39) Methylcyclohexane	9.275	83	441636	110.648	ug/l	98
40) Benzene	8.246	78	1093109	98.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	63972	108.949	ug/l	93
42) 1,2-Dichloroethane	8.322	62	247824	97.105	ug/l	98
43) Isopropyl Acetate	8.357	43	216947	105.036	ug/l	99
44) Trichloroethene	9.022	130	310992	100.652	ug/l	98
45) 1,2-Dichloropropane	9.304	63	257476	99.280	ug/l	98
46) Dibromomethane	9.393	93	143762	97.928	ug/l	97
47) Bromodichloromethane	9.581	83	337999	98.214	ug/l	99
48) Methyl methacrylate	9.381	41	106148	113.443	ug/l	92
49) 1,4-Dioxane	9.387	88	33999	2113.058	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	587719	539.830	ug/l	99
52) Toluene	10.334	92	704071	103.610	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	334362	104.689	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	407109	103.147	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	200392	96.407	ug/l	96
56) Ethyl methacrylate	10.599	69	236559	111.584	ug/l	99
57) 1,3-Dichloropropane	10.881	76	334937	101.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	481397	540.824	ug/l	99
59) 2-Hexanone	10.922	43	413040	552.950	ug/l	99
60) Dibromochloromethane	11.075	129	237649	100.857	ug/l	97
61) 1,2-Dibromoethane	11.181	107	187526	99.147	ug/l	99
64) Tetrachloroethene	10.810	164	250895	101.266	ug/l	95
65) Chlorobenzene	11.610	112	743972	100.388	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	251276	100.984	ug/l	99
67) Ethyl Benzene	11.681	91	1298824	108.748	ug/l	100
68) m/p-Xylenes	11.793	106	1058508	214.397	ug/l	97
69) o-Xylene	12.122	106	491849	110.494	ug/l	99
70) Styrene	12.134	104	832538	109.059	ug/l	99
71) Bromoform	12.298	173	137322	102.295	ug/l #	97
73) Isopropylbenzene	12.422	105	1197833	109.340	ug/l	99
74) N-amyl acetate	12.234	43	207911	110.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	218627	99.692	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	152304m	91.798	ug/l	
77) Bromobenzene	12.704	156	294849	102.363	ug/l	96
78) n-propylbenzene	12.763	91	1459464	107.755	ug/l	100
79) 2-Chlorotoluene	12.851	91	784243	106.151	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	978857	108.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	72329	108.447	ug/l	95
82) 4-Chlorotoluene	12.945	91	823351	104.669	ug/l	98
83) tert-Butylbenzene	13.169	119	838206	110.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	994704	110.251	ug/l	99
85) sec-Butylbenzene	13.345	105	1264125	108.491	ug/l	99
86) p-Isopropyltoluene	13.463	119	1070123	110.803	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	591970	101.948	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	575914	97.957	ug/l	99
89) n-Butylbenzene	13.787	91	991682	110.474	ug/l	99
90) Hexachloroethane	14.057	117	190861	98.426	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	507291	100.628	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	28990	100.067	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	321472	109.714	ug/l	98
94) Hexachlorobutadiene	15.204	225	151920	106.044	ug/l	99
95) Naphthalene	15.334	128	635308	100.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	287068	110.786	ug/l	99

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

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