

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075258.D
 Acq On : 07 Feb 2023 12:11
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 08 03:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 03:23:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	61040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	90246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67103	93.753	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 187.500%#			
35) Dibromofluoromethane	7.805	113	66552	96.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.700%#			
50) Toluene-d8	10.269	98	252321	96.819	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 193.640%#			
62) 4-Bromofluorobenzene	12.575	95	86547	100.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 201.420%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	45425	95.795	ug/l	99
3) Chloromethane	2.146	50	79617	99.760	ug/l	98
4) Vinyl Chloride	2.281	62	89105	87.745	ug/l	99
5) Bromomethane	2.675	94	56252	86.577	ug/l	99
6) Chloroethane	2.828	64	63550	90.714	ug/l	100
7) Trichlorofluoromethane	3.175	101	113359	89.779	ug/l	95
8) Diethyl Ether	3.593	74	33663	99.176	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	65802	91.837	ug/l	100
10) Methyl Iodide	4.158	142	88484	99.200	ug/l	95
11) Tert butyl alcohol	5.052	59	20541	528.930	ug/l	98
12) 1,1-Dichloroethene	3.940	96	64234	94.022	ug/l	99
13) Acrolein	3.799	56	10038	515.114	ug/l	93
14) Allyl chloride	4.564	41	111793	98.351	ug/l	95
15) Acrylonitrile	5.252	53	83419	540.240	ug/l	98
16) Acetone	4.017	43	103517	546.964	ug/l	96
17) Carbon Disulfide	4.269	76	187941	89.169	ug/l	98
18) Methyl Acetate	4.558	43	53581	109.917	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	159800	101.880	ug/l	100
20) Methylene Chloride	4.805	84	76277	101.929	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	74286	96.089	ug/l	97
22) Diisopropyl ether	6.222	45	227745	100.732	ug/l	95
23) Vinyl Acetate	6.158	43	413584	477.129	ug/l	97
24) 1,1-Dichloroethane	6.116	63	134304	95.279	ug/l	97
25) 2-Butanone	7.087	43	121696	518.949	ug/l	100
26) 2,2-Dichloropropane	7.075	77	119740	95.969	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	83848	96.943	ug/l	98
28) Bromochloromethane	7.428	49	34934	103.568	ug/l	90
29) Tetrahydrofuran	7.446	42	66365	525.549	ug/l	99
30) Chloroform	7.599	83	137376	94.687	ug/l	94
31) Cyclohexane	7.875	56	111200	87.495	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	124113	95.636	ug/l	100
36) 1,1-Dichloropropene	8.010	75	103933	97.089	ug/l	98
37) Ethyl Acetate	7.169	43	47708	102.186	ug/l	94
38) Carbon Tetrachloride	7.993	117	100352	101.166	ug/l	98
39) Methylcyclohexane	9.275	83	119155	96.164	ug/l	98
40) Benzene	8.252	78	292269	97.143	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	27358	84.955	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	85533	98.194	ug/l	100
43) Isopropyl Acetate	8.363	43	94038	105.413	ug/l	95
44) Trichloroethene	9.028	130	80974	97.635	ug/l	93
45) 1,2-Dichloropropane	9.304	63	75154	98.357	ug/l	98
46) Dibromomethane	9.399	93	42288	99.868	ug/l	96
47) Bromodichloromethane	9.587	83	104469	99.131	ug/l	97
48) Methyl methacrylate	9.381	41	45945	108.447	ug/l	93
49) 1,4-Dioxane	9.387	88	8481	2080.234	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	246264	546.038	ug/l	95
52) Toluene	10.334	92	188854	99.657	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	98447	107.847	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	114504	104.916	ug/l	91
55) 1,1,2-Trichloroethane	10.734	97	54827	101.431	ug/l	97
56) Ethyl methacrylate	10.599	69	70653	112.434	ug/l	93
57) 1,3-Dichloropropane	10.881	76	94532	102.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	98201	514.675	ug/l	99
59) 2-Hexanone	10.922	43	186875	567.155	ug/l	95
60) Dibromochloromethane	11.075	129	69225	103.368	ug/l	99
61) 1,2-Dibromoethane	11.181	107	54203	103.996	ug/l	97
64) Tetrachloroethene	10.810	164	64772	93.189	ug/l	95
65) Chlorobenzene	11.610	112	197797	97.188	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	74291	100.261	ug/l	95
67) Ethyl Benzene	11.687	91	376600	100.229	ug/l	99
68) m/p-Xylenes	11.798	106	286581	200.510	ug/l	97
69) o-Xylene	12.122	106	135901	101.794	ug/l	95
70) Styrene	12.140	104	231323	102.287	ug/l	98
71) Bromoform	12.304	173	41719	104.819	ug/l #	96
73) Isopropylbenzene	12.422	105	363664	99.536	ug/l	98
74) N-amyl acetate	12.234	43	87307	106.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	64005	100.692	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	48561m	64.576	ug/l	
77) Bromobenzene	12.704	156	81181	98.124	ug/l	94
78) n-propylbenzene	12.763	91	453808	99.821	ug/l	98
79) 2-Chlorotoluene	12.851	91	247914	99.417	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	306307	100.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17027	105.466	ug/l	97
82) 4-Chlorotoluene	12.951	91	258011	99.186	ug/l	99
83) tert-Butylbenzene	13.169	119	260484	99.320	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	301949	99.376	ug/l	98
85) sec-Butylbenzene	13.345	105	399019	99.175	ug/l	99
86) p-Isopropyltoluene	13.463	119	332519	101.032	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	161163	96.377	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	162994	97.411	ug/l	99
89) n-Butylbenzene	13.792	91	321740	100.133	ug/l	99
90) Hexachloroethane	14.057	117	62717	96.658	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	141053	97.216	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10088	102.321	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	89986	99.025	ug/l	98
94) Hexachlorobutadiene	15.204	225	46791	97.597	ug/l	98
95) Naphthalene	15.334	128	181100	107.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	79408	101.279	ug/l	98

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

