

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060523\
 Data File : VD076322.D
 Acq On : 05 Jun 2023 12:51
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 02:22:00 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	7.869	168	198506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9638	5.419	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.840%#		
35) Dibromofluoromethane	7.811	113	12261	5.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.820%#		
50) Toluene-d8	10.269	98	41334	4.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.160%#		
62) 4-Bromofluorobenzene	12.569	95	10511	4.402	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	8.800%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	10527	5.476	ug/l	100
3) Chloromethane	2.146	50	20885	5.654	ug/l	95
4) Vinyl Chloride	2.281	62	25734	5.308	ug/l	95
5) Bromomethane	2.687	94	19048	6.056	ug/l	97
6) Chloroethane	2.828	64	17955	5.527	ug/l	97
7) Trichlorofluoromethane	3.170	101	18111	5.626	ug/l	92
8) Diethyl Ether	3.587	74	5188	4.941	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	11119	5.400	ug/l	96
10) Methyl Iodide	4.158	142	13207	4.609	ug/l	96
11) Tert butyl alcohol	5.064	59	2457m	24.718	ug/l	
12) 1,1-Dichloroethene	3.940	96	11215	5.131	ug/l #	88
13) Acrolein	3.793	56	5723	26.463	ug/l	95
14) Allyl chloride	4.552	41	10613	4.942	ug/l	99
15) Acrylonitrile	5.258	53	10309	24.586	ug/l	99
16) Acetone	4.028	43	8893	27.298	ug/l #	79
17) Carbon Disulfide	4.264	76	38606	5.295	ug/l	98
18) Methyl Acetate	4.564	43	7244	5.244	ug/l	98
19) Methyl tert-butyl Ether	5.317	73	18819	4.673	ug/l #	90
20) Methylene Chloride	4.799	84	20821	3.658	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	13612	5.374	ug/l	90
22) Diisopropyl ether	6.216	45	21454	4.492	ug/l #	85
23) Vinyl Acetate	6.152	43	38989	21.464	ug/l	99
24) 1,1-Dichloroethane	6.105	63	20994	5.382	ug/l	98
25) 2-Butanone	7.087	43	11772	26.096	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	17471	5.409	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	13350	4.879	ug/l	93
28) Bromochloromethane	7.428	49	6289	3.984	ug/l #	96
29) Tetrahydrofuran	7.446	42	6154	23.124	ug/l	96
30) Chloroform	7.593	83	22729	5.552	ug/l	87
31) Cyclohexane	7.875	56	16641	5.573	ug/l #	89
32) 1,1,1-Trichloroethane	7.787	97	17118	5.251	ug/l	98
36) 1,1-Dichloropropene	8.005	75	14781	4.539	ug/l	96
37) Ethyl Acetate	7.169	43	5193	4.834	ug/l #	90
38) Carbon Tetrachloride	7.987	117	13604	4.766	ug/l	93
39) Methylcyclohexane	9.275	83	15237	4.095	ug/l	95
40) Benzene	8.246	78	49547	4.810	ug/l	95

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2749m	5.023	ug/l	
42) 1,2-Dichloroethane	8.322	62	12174	5.117	ug/l	99
43) Isopropyl Acetate	8.358	43	8228	4.274	ug/l #	82
44) Trichloroethene	9.028	130	13940	4.840	ug/l	96
45) 1,2-Dichloropropane	9.310	63	11653	4.820	ug/l	94
46) Dibromomethane	9.393	93	6815	4.980	ug/l	98
47) Bromodichloromethane	9.581	83	15573	4.855	ug/l	95
48) Methyl methacrylate	9.375	41	3861	4.427	ug/l	93
49) 1,4-Dioxane	9.387	88	1128	75.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	21152	20.843	ug/l	95
52) Toluene	10.334	92	28291	4.466	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	13128	4.410	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	16233	4.412	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	9930	5.125	ug/l	92
56) Ethyl methacrylate	10.599	69	7831	3.963	ug/l	95
57) 1,3-Dichloropropane	10.881	76	14304	4.648	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	18371	22.141	ug/l	97
59) 2-Hexanone	10.922	43	14130	20.293	ug/l	97
60) Dibromochloromethane	11.069	129	10481	4.772	ug/l	94
61) 1,2-Dibromoethane	11.181	107	8277	4.695	ug/l	95
64) Tetrachloroethene	10.810	164	10789	4.620	ug/l	90
65) Chlorobenzene	11.604	112	34383	4.922	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	11222	4.785	ug/l	96
67) Ethyl Benzene	11.681	91	48426	4.302	ug/l	97
68) m/p-Xylenes	11.793	106	39488	8.485	ug/l	94
69) o-Xylene	12.122	106	16885	4.024	ug/l	100
70) Styrene	12.134	104	28479	3.958	ug/l	98
71) Bromoform	12.299	173	5856	4.628	ug/l #	95
73) Isopropylbenzene	12.422	105	43465	4.392	ug/l	99
74) N-amyl acetate	12.234	43	7211	4.249	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	9702	4.898	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	8224m	5.487	ug/l	
77) Bromobenzene	12.698	156	12078	4.642	ug/l	98
78) n-propylbenzene	12.763	91	53258	4.353	ug/l	96
79) 2-Chlorotoluene	12.851	91	30775	4.611	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	32891	4.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	2520	4.183	ug/l	95
82) 4-Chlorotoluene	12.951	91	32689	4.600	ug/l	95
83) tert-Butylbenzene	13.169	119	28435	4.156	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	32643	4.005	ug/l	95
85) sec-Butylbenzene	13.346	105	44712	4.248	ug/l	97
86) p-Isopropyltoluene	13.463	119	35788	4.102	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	24395	4.651	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	27548	5.187	ug/l	96
89) n-Butylbenzene	13.787	91	34677	4.277	ug/l	97
90) Hexachloroethane	14.051	117	8366	4.776	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	21984	4.828	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1345	5.140	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	11637	4.397	ug/l	97
94) Hexachlorobutadiene	15.204	225	6055	4.679	ug/l	94
95) Naphthalene	15.334	128	19951	6.667	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.522	180	10742	4.589	ug/l	95

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

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