

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076302.D
 Acq On : 01 Jun 2023 17:35
 Operator : KP/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 05:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	198211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	9805	5.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.160%#		
35) Dibromofluoromethane	7.804	113	12382	5.303	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.600%#		
50) Toluene-d8	10.269	98	42328	4.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.400%#		
62) 4-Bromofluorobenzene	12.575	95	11812	4.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.400%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10178	5.638	ug/l	88
3) Chloromethane	2.146	50	23839	3.252	ug/l	97
4) Vinyl Chloride	2.269	62	26892	5.645	ug/l #	88
5) Bromomethane	2.681	94	16227	6.166	ug/l	95
6) Chloroethane	2.822	64	18270	4.449	ug/l	100
7) Trichlorofluoromethane	3.158	101	18419	5.637	ug/l	97
8) Diethyl Ether	3.581	74	5800	5.003	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	12426	5.844	ug/l	96
10) Methyl Iodide	4.152	142	11872	4.776	ug/l	97
11) Tert butyl alcohol	5.058	59	2998m	24.379	ug/l	
12) 1,1-Dichloroethene	3.928	96	11778	5.334	ug/l	91
13) Acrolein	3.781	56	3775	12.331	ug/l	94
14) Allyl chloride	4.552	41	10672	4.878	ug/l	91
15) Acrylonitrile	5.252	53	11147	23.246	ug/l	97
16) Acetone	4.016	43	10008	15.078	ug/l	90
17) Carbon Disulfide	4.252	76	41392	5.631	ug/l #	93
18) Methyl Acetate	4.569	43	8496	5.222	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	20689	4.643	ug/l	97
20) Methylene Chloride	4.787	84	25003	2.761	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	12984	5.061	ug/l	99
22) Diisopropyl ether	6.205	45	23294	4.487	ug/l #	93
23) Vinyl Acetate	6.146	43	52803m	21.589	ug/l	
24) 1,1-Dichloroethane	6.105	63	21794	5.357	ug/l	100
25) 2-Butanone	7.087	43	12193	24.190	ug/l	92
26) 2,2-Dichloropropane	7.063	77	18129	5.640	ug/l	98
27) cis-1,2-Dichloroethene	7.069	96	13707	4.876	ug/l	89
28) Bromochloromethane	7.410	49	7255	4.635	ug/l #	93
29) Tetrahydrofuran	7.440	42	6678	21.561	ug/l	96
30) Chloroform	7.593	83	23152	5.409	ug/l	97
31) Cyclohexane	7.869	56	16379	5.509	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	18382	5.496	ug/l	96
36) 1,1-Dichloropropene	7.999	75	16004	4.956	ug/l	98
37) Ethyl Acetate	7.163	43	5744	4.691	ug/l #	96
38) Carbon Tetrachloride	7.987	117	14060	5.056	ug/l	91
39) Methylcyclohexane	9.269	83	16927	4.652	ug/l #	87
40) Benzene	8.246	78	50867	4.963	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2316	3.749	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	12564	5.044	ug/l	95
43) Isopropyl Acetate	8.357	43	10458	4.744	ug/l	98
44) Trichloroethene	9.022	130	14744	5.206	ug/l	84
45) 1,2-Dichloropropane	9.298	63	12190	4.927	ug/l	99
46) Dibromomethane	9.387	93	6920	4.766	ug/l	97
47) Bromodichloromethane	9.581	83	17439	5.127	ug/l	98
48) Methyl methacrylate	9.381	41	4001	4.227	ug/l	93
49) 1,4-Dioxane	9.375	88	1404	79.874	ug/l #	43
51) 4-Methyl-2-Pentanone	10.157	43	24829	21.287	ug/l	92
52) Toluene	10.334	92	28809	4.593	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	15462	4.862	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	17105	4.553	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	10050	4.863	ug/l	93
56) Ethyl methacrylate	10.598	69	8131	5.985	ug/l	96
57) 1,3-Dichloropropane	10.875	76	15098	4.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	16082	36.333	ug/l	99
59) 2-Hexanone	10.922	43	15365	19.792	ug/l	95
60) Dibromochloromethane	11.075	129	11551	4.877	ug/l	99
61) 1,2-Dibromoethane	11.181	107	9377	4.911	ug/l	96
64) Tetrachloroethene	10.804	164	11889	5.191	ug/l #	88
65) Chlorobenzene	11.604	112	34700	5.021	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	11778	4.926	ug/l	97
67) Ethyl Benzene	11.681	91	50170	4.544	ug/l	94
68) m/p-Xylenes	11.792	106	40820	8.937	ug/l	100
69) o-Xylene	12.122	106	18604	4.439	ug/l	97
70) Styrene	12.134	104	29929	4.138	ug/l	98
71) Bromoform	12.298	173	6331	4.674	ug/l #	96
73) Isopropylbenzene	12.422	105	43283	4.546	ug/l	96
74) N-amyl acetate	12.234	43	8124	4.366	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	11924	5.490	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	7075m	5.017	ug/l	
77) Bromobenzene	12.698	156	12970	4.927	ug/l	97
78) n-propylbenzene	12.763	91	54155	4.556	ug/l	99
79) 2-Chlorotoluene	12.845	91	31229	4.710	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	33890	4.276	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2565	4.184	ug/l	96
82) 4-Chlorotoluene	12.945	91	33889	4.767	ug/l	98
83) tert-Butylbenzene	13.163	119	30783	4.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	35959	4.445	ug/l	100
85) sec-Butylbenzene	13.345	105	45992	4.494	ug/l	99
86) p-Isopropyltoluene	13.457	119	37602	4.394	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	25714	4.825	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	28580	5.281	ug/l	95
89) n-Butylbenzene	13.786	91	35093	4.465	ug/l	99
90) Hexachloroethane	14.051	117	9245	5.342	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	22639	4.829	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1360	4.842	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	12116	4.516	ug/l	97
94) Hexachlorobutadiene	15.204	225	6301	5.011	ug/l	95
95) Naphthalene	15.333	128	22149	7.168	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	11268	4.575	ug/l	100

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

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