

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076503.D
 Acq On : 20 Jun 2023 20:49
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 21 06:51:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	134089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64801	48.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.799	113	71005	52.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.420%		
50) Toluene-d8	10.263	98	254844	49.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.569	95	84890	50.716	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	46154	45.298	ug/l	95
3) Chloromethane	2.146	50	96767	45.665	ug/l	99
4) Vinyl Chloride	2.276	62	106469	45.041	ug/l	96
5) Bromomethane	2.681	94	63730	41.465	ug/l	100
6) Chloroethane	2.828	64	75948	46.877	ug/l	98
7) Trichlorofluoromethane	3.164	101	91037	46.798	ug/l	96
8) Diethyl Ether	3.593	74	32619	44.555	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.958	101	60416	48.224	ug/l	97
10) Methyl Iodide	4.158	142	74988	50.487	ug/l	92
11) Tert butyl alcohol	5.069	59	23724	204.527	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	57496	46.860	ug/l	88
13) Acrolein	3.793	56	24626	197.105	ug/l	96
14) Allyl chloride	4.564	41	98373	43.841	ug/l #	87
15) Acrylonitrile	5.252	53	86051	228.578	ug/l	99
16) Acetone	4.017	43	64744	202.520	ug/l #	86
17) Carbon Disulfide	4.264	76	151352	45.147	ug/l	99
18) Methyl Acetate	4.558	43	66559	45.177	ug/l #	83
19) Methyl tert-butyl Ether	5.311	73	161215	48.035	ug/l	93
20) Methylene Chloride	4.799	84	106913	61.441	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	66297	46.749	ug/l	92
22) Diisopropyl ether	6.216	45	231119	47.634	ug/l #	91
23) Vinyl Acetate	6.152	43	560756	233.163	ug/l #	86
24) 1,1-Dichloroethane	6.111	63	128876	47.566	ug/l	94
25) 2-Butanone	7.081	43	108929	220.297	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	97384	41.689	ug/l	95
27) cis-1,2-Dichloroethene	7.069	96	82522	48.081	ug/l	87
28) Bromochloromethane	7.422	49	37132	47.467	ug/l #	74
29) Tetrahydrofuran	7.446	42	71227	224.148	ug/l #	79
30) Chloroform	7.593	83	132088	49.236	ug/l	98
31) Cyclohexane	7.875	56	96795	46.424	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	106011	48.884	ug/l	97
36) 1,1-Dichloropropene	8.005	75	90086	47.303	ug/l	98
37) Ethyl Acetate	7.163	43	51358	46.539	ug/l #	91
38) Carbon Tetrachloride	7.993	117	83262	48.915	ug/l	95
39) Methylcyclohexane	9.269	83	107415	48.063	ug/l	95
40) Benzene	8.246	78	283010	48.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29726	47.702	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	80200	51.107	ug/l	97
43) Isopropyl Acetate	8.358	43	97006	46.431	ug/l #	84
44) Trichloroethene	9.022	130	76053	48.545	ug/l	95
45) 1,2-Dichloropropane	9.305	63	78470	49.834	ug/l	97
46) Dibromomethane	9.393	93	43568	51.649	ug/l	93
47) Bromodichloromethane	9.581	83	100744	49.908	ug/l #	99
48) Methyl methacrylate	9.381	41	44059	46.011	ug/l #	73
49) 1,4-Dioxane	9.387	88	9938	983.303	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	257291	240.916	ug/l #	84
52) Toluene	10.328	92	180686	49.579	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	99240	48.449	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	120572	49.649	ug/l #	83
55) 1,1,2-Trichloroethane	10.734	97	59993	50.845	ug/l	95
56) Ethyl methacrylate	10.593	69	75598	49.069	ug/l #	73
57) 1,3-Dichloropropane	10.875	76	100792	49.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.863	63	148705	227.667	ug/l	93
59) 2-Hexanone	10.922	43	172668	232.429	ug/l	82
60) Dibromochloromethane	11.069	129	71119	51.792	ug/l	94
61) 1,2-Dibromoethane	11.175	107	56838	51.314	ug/l	99
64) Tetrachloroethene	10.810	164	67835	52.403	ug/l	94
65) Chlorobenzene	11.604	112	197749	48.266	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	73469	50.142	ug/l	98
67) Ethyl Benzene	11.681	91	351170	48.373	ug/l	98
68) m/p-Xylenes	11.793	106	275530	97.228	ug/l	91
69) o-Xylene	12.116	106	133769	49.588	ug/l	92
70) Styrene	12.134	104	229028	49.149	ug/l	95
71) Bromoform	12.299	173	45332	51.528	ug/l #	99
73) Isopropylbenzene	12.416	105	342018	46.765	ug/l	98
74) N-amyl acetate	12.234	43	94567	44.168	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.669	83	72582	48.094	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	45370m	42.083	ug/l	
77) Bromobenzene	12.698	156	86550	47.968	ug/l	91
78) n-propylbenzene	12.763	91	421984	46.729	ug/l	96
79) 2-Chlorotoluene	12.846	91	231297	46.643	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	280047	46.888	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21665	44.034	ug/l	90
82) 4-Chlorotoluene	12.946	91	241953	46.982	ug/l	97
83) tert-Butylbenzene	13.163	119	251463	47.384	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	288346	47.907	ug/l	97
85) sec-Butylbenzene	13.346	105	379855	48.233	ug/l	95
86) p-Isopropyltoluene	13.457	119	314706	47.823	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	168353	47.501	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	169136	47.849	ug/l	98
89) n-Butylbenzene	13.787	91	293816	45.776	ug/l	99
90) Hexachloroethane	14.051	117	56640	46.641	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	151977	49.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10131	44.599	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	98373	47.660	ug/l	96
94) Hexachlorobutadiene	15.204	225	49277	49.106	ug/l	99
95) Naphthalene	15.328	128	189000	45.791	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	85338	47.455	ug/l	100

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

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