

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077054.D
 Acq On : 29 Aug 2023 09:25
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 20:57:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 08/31/2023
 Supervised By :Mahesh
 Dadoda
 09/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	216176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	158838	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	115402	54.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.805	113	129125	57.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.240%	
50) Toluene-d8	10.269	98	501366	61.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.600%	
62) 4-Bromofluorobenzene	12.575	95	144796	60.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 120.100%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	98263	47.504	ug/l	97
3) Chloromethane	2.146	50	178212	50.771	ug/l	98
4) Vinyl Chloride	2.281	62	210195	47.569	ug/l	99
5) Bromomethane	2.687	94	160742	42.534	ug/l	99
6) Chloroethane	2.834	64	142833	47.597	ug/l	99
7) Trichlorofluoromethane	3.170	101	196275	49.094	ug/l	97
8) Diethyl Ether	3.587	74	50334	45.988	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	123294	52.816	ug/l	99
10) Methyl Iodide	4.158	142	147497	49.562	ug/l	91
11) Tert butyl alcohol	5.046	59	27647	216.496	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	113091	48.834	ug/l	95
13) Acrolein	3.793	56	56189	214.245	ug/l	99
14) Allyl chloride	4.558	41	116148	45.462	ug/l	91
15) Acrylonitrile	5.258	53	115699	238.869	ug/l	99
16) Acetone	4.017	43	121850	251.167	ug/l	90
17) Carbon Disulfide	4.269	76	321921	45.549	ug/l	99
18) Methyl Acetate	4.558	43	77544	47.240	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	235315	46.850	ug/l	99
20) Methylene Chloride	4.805	84	133323	43.238	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	129902	47.620	ug/l	97
22) Diisopropyl ether	6.211	45	274360	47.939	ug/l	96
23) Vinyl Acetate	6.152	43	679118	236.890	ug/l	94
24) 1,1-Dichloroethane	6.105	63	202853	47.214	ug/l	96
25) 2-Butanone	7.081	43	154138	253.573	ug/l	88
26) 2,2-Dichloropropane	7.069	77	185131	48.416	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	139172	45.412	ug/l	97
28) Bromochloromethane	7.422	49	70698	46.067	ug/l	95
29) Tetrahydrofuran	7.446	42	81480	241.327	ug/l	93
30) Chloroform	7.593	83	221849	46.092	ug/l	100
31) Cyclohexane	7.875	56	163017	47.941	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	204832	49.033	ug/l	97
36) 1,1-Dichloropropene	8.010	75	169686	52.689	ug/l	98
37) Ethyl Acetate	7.169	43	61192	52.683	ug/l	95
38) Carbon Tetrachloride	7.987	117	178223	54.733	ug/l	93
39) Methylcyclohexane	9.275	83	210493	56.224	ug/l	97
40) Benzene	8.246	78	489923	50.659	ug/l	99

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41) Methacrylonitrile	7.399	41	36721m	57.331	ug/l	
42) 1,2-Dichloroethane	8.322	62	123935	49.590	ug/l	98
43) Isopropyl Acetate	8.363	43	108942	49.363	ug/l	95
44) Trichloroethene	9.028	130	135679	49.233	ug/l	94
45) 1,2-Dichloropropane	9.304	63	115083	50.302	ug/l	98
46) Dibromomethane	9.393	93	73062	50.159	ug/l	94
47) Bromodichloromethane	9.587	83	170864	50.247	ug/l	94
48) Methyl methacrylate	9.381	41	53084	53.666	ug/l	87
49) 1,4-Dioxane	9.387	88	14403	923.010	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	295506	260.289	ug/l	93
52) Toluene	10.334	92	322372	51.726	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	159124	50.599	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	184256	49.265	ug/l #	95
55) 1,1,2-Trichloroethane	10.734	97	96627	49.976	ug/l	93
56) Ethyl methacrylate	10.599	69	105466	51.721	ug/l	92
57) 1,3-Dichloropropane	10.881	76	155116	50.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	97568	256.800	ug/l	98
59) 2-Hexanone	10.922	43	228524	280.427	ug/l	91
60) Dibromochloromethane	11.075	129	120769	50.462	ug/l	97
61) 1,2-Dibromoethane	11.181	107	91273	49.313	ug/l	100
64) Tetrachloroethene	10.810	164	115692	50.695	ug/l	95
65) Chlorobenzene	11.610	112	343421	49.980	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	126972	49.447	ug/l	98
67) Ethyl Benzene	11.687	91	623048	52.836	ug/l	98
68) m/p-Xylenes	11.793	106	494121	104.669	ug/l	91
69) o-Xylene	12.122	106	228841	53.032	ug/l	97
70) Styrene	12.134	104	404173	53.918	ug/l	99
71) Bromoform	12.298	173	71736	50.172	ug/l #	100
73) Isopropylbenzene	12.422	105	613590	55.356	ug/l	96
74) N-amyl acetate	12.234	43	102111	52.306	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	111674	51.532	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	72395m	47.254	ug/l	
77) Bromobenzene	12.698	156	140729	50.350	ug/l	98
78) n-propylbenzene	12.763	91	747787	55.203	ug/l	97
79) 2-Chlorotoluene	12.851	91	379943	51.302	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	506730	54.756	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	34259	51.920	ug/l	99
82) 4-Chlorotoluene	12.945	91	409916	52.326	ug/l	97
83) tert-Butylbenzene	13.169	119	435824	54.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	508620	54.800	ug/l	95
85) sec-Butylbenzene	13.345	105	669955	55.454	ug/l	97
86) p-Isopropyltoluene	13.463	119	577862	56.094	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	294408	50.825	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	286766	51.032	ug/l	98
89) n-Butylbenzene	13.787	91	525418	55.533	ug/l	99
90) Hexachloroethane	14.051	117	107321	53.726	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	249219	50.483	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15625	51.776	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	155689	51.282	ug/l	97
94) Hexachlorobutadiene	15.204	225	86084	54.080	ug/l	98
95) Naphthalene	15.334	128	293347	52.094	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	139518	51.300	ug/l	100

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

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