

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073857.D
 Acq On : 19 Jul 2022 12:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 19 15:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

07/20/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	141828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	235723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104546	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.320	65	76152	44.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.920%
35) Dibromofluoromethane	7.902	113	80917	48.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.332	98	314659	52.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.620	95	104042	50.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	78774	61.324	ug/l	95
3) Chloromethane	2.209	50	130529	63.456	ug/l	100
4) Vinyl Chloride	2.344	62	161254	49.332	ug/l	98
5) Bromomethane	2.767	94	91458	41.393	ug/l	99
6) Chloroethane	2.915	64	110804	50.291	ug/l	96
7) Trichlorofluoromethane	3.267	101	150671	51.546	ug/l	97
8) Diethyl Ether	3.703	74	33459	46.663	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	86937	53.601	ug/l	98
10) Methyl Iodide	4.297	142	83306	52.140	ug/l	94
11) Tert butyl alcohol	5.220	59	17737	183.669	ug/l	98
12) 1,1-Dichloroethene	4.067	96	79695	55.295	ug/l	92
13) Acrolein	3.920	56	19582	249.090	ug/l	97
14) Allyl chloride	4.703	41	107454	51.078	ug/l #	86
15) Acrylonitrile	5.409	53	63953	218.532	ug/l	99
16) Acetone	4.150	43	58903	211.958	ug/l	97
17) Carbon Disulfide	4.403	76	248146	53.882	ug/l #	95
18) Methyl Acetate	4.703	43	29538	44.631	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	162939	47.197	ug/l	98
20) Methylene Chloride	4.950	84	103322	54.759	ug/l #	83
21) trans-1,2-Dichloroethene	5.461	96	91802	53.879	ug/l	88
22) Diisopropyl ether	6.356	45	223372	49.895	ug/l #	96
23) Vinyl Acetate	6.291	43	596143	243.958	ug/l #	94
24) 1,1-Dichloroethane	6.250	63	153130	51.786	ug/l	98
25) 2-Butanone	7.203	43	83238	211.029	ug/l	94
26) 2,2-Dichloropropane	7.203	77	146245	55.694	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	100271	52.274	ug/l	90
28) Bromochloromethane	7.538	49	52894	47.677	ug/l #	79
29) Tetrahydrofuran	7.555	42	51664	216.009	ug/l #	88
30) Chloroform	7.702	83	168018	51.622	ug/l	98
31) Cyclohexane	7.973	56	138090	51.315	ug/l #	83
32) 1,1,1-Trichloroethane	7.891	97	159933	52.817	ug/l	98
36) 1,1-Dichloropropene	8.102	75	133064	55.465	ug/l	96
37) Ethyl Acetate	7.291	43	38977	45.183	ug/l #	91
38) Carbon Tetrachloride	8.085	117	139668	50.977	ug/l	97
39) Methylcyclohexane	9.344	83	157478	56.313	ug/l	94
40) Benzene	8.338	78	345508	52.935	ug/l	98

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41) Methacrylonitrile	7.514	41	24679	46.037	ug/l	93
42) 1,2-Dichloroethane	8.414	62	95730	47.922	ug/l	99
43) Isopropyl Acetate	8.444	43	78648	45.622	ug/l #	90
44) Trichloroethene	9.102	130	99522	54.634	ug/l	96
45) 1,2-Dichloropropane	9.373	63	79290	50.258	ug/l	95
46) Dibromomethane	9.467	93	46106	48.180	ug/l	96
47) Bromodichloromethane	9.649	83	123659	49.909	ug/l	99
48) Methyl methacrylate	9.444	41	38067	45.038	ug/l	85
49) 1,4-Dioxane	9.449	88	8685	867.389	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	190008	220.469	ug/l	94
52) Toluene	10.391	92	235927	53.707	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	109275	49.958	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	131720	52.044	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	58114	47.741	ug/l	97
56) Ethyl methacrylate	10.649	69	66620	47.273	ug/l	90
57) 1,3-Dichloropropane	10.932	76	98486	47.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	115680	153.512	ug/l	94
59) 2-Hexanone	10.973	43	133608	226.881	ug/l	99
60) Dibromochloromethane	11.126	129	78400	47.544	ug/l	97
61) 1,2-Dibromoethane	11.232	107	57752	46.892	ug/l	99
64) Tetrachloroethene	10.867	164	83573	59.919	ug/l	97
65) Chlorobenzene	11.661	112	232716	54.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	86708	52.972	ug/l	99
67) Ethyl Benzene	11.732	91	454881	57.201	ug/l	97
68) m/p-Xylenes	11.843	106	360350	115.931	ug/l	98
69) o-Xylene	12.167	106	166041	57.057	ug/l	95
70) Styrene	12.185	104	275998	55.475	ug/l	98
71) Bromoform	12.343	173	41920	47.329	ug/l #	99
73) Isopropylbenzene	12.467	105	451516	57.021	ug/l	100
74) N-amyl acetate	12.279	43	73975	47.362	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	63254	46.217	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	51454m	45.870	ug/l	
77) Bromobenzene	12.749	156	93299	53.017	ug/l	86
78) n-propylbenzene	12.808	91	550038	56.941	ug/l	98
79) 2-Chlorotoluene	12.890	91	300417	55.438	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	376066	56.342	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19039	45.800	ug/l	86
82) 4-Chlorotoluene	12.990	91	314934	54.956	ug/l	97
83) tert-Butylbenzene	13.208	119	328432	57.550	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	370972	55.800	ug/l	99
85) sec-Butylbenzene	13.385	105	500445	58.154	ug/l	99
86) p-Isopropyltoluene	13.502	119	420243	57.995	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	197149	53.498	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	190982	52.428	ug/l	99
89) n-Butylbenzene	13.826	91	397118	57.722	ug/l	99
90) Hexachloroethane	14.096	117	71080	49.641	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	164552	51.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	10297	44.804	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	99385	51.130	ug/l	98
94) Hexachlorobutadiene	15.243	225	55669	54.042	ug/l	99
95) Naphthalene	15.379	128	170687	48.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	80791	48.887	ug/l	96

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

07/20/2022

Dadoda

