

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010341.D
 Acq On : 06 Sep 2022 11:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 06 11:32:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin
 Yesilyurt 09/07/2022
 Supervised By : Mahesh
 Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	354661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	544430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	486586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	170434	46.866	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.740%		
35) Dibromofluoromethane	7.710	113	166430	45.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.840%		
50) Toluene-d8	10.179	98	645037	53.158	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.320%		
62) 4-Bromofluorobenzene	12.477	95	228824	46.666	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	123176	43.506	ug/l	98
3) Chloromethane	2.107	50	188673	48.807	ug/l	97
4) Vinyl Chloride	2.247	62	223939	53.170	ug/l	99
5) Bromomethane	2.644	94	144665	62.596	ug/l	96
6) Chloroethane	2.784	64	140746	54.629	ug/l	98
7) Trichlorofluoromethane	3.119	101	289283	49.000	ug/l	93
8) Diethyl Ether	3.521	74	94226	44.666	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	171900	47.146	ug/l	95
10) Methyl Iodide	4.082	142	213909	48.765	ug/l	90
11) Tert butyl alcohol	4.942	59	86722	199.329	ug/l	96
12) 1,1-Dichloroethene	3.863	96	161673	45.792	ug/l	88
13) Acrolein	3.723	56	116944	253.913	ug/l	97
14) Allyl chloride	4.466	41	253734	40.832	ug/l #	95
15) Acrylonitrile	5.155	53	225798	205.418	ug/l	99
16) Acetone	3.942	43	247777	272.547	ug/l #	89
17) Carbon Disulfide	4.186	76	459845	42.760	ug/l	100
18) Methyl Acetate	4.466	43	109705m	38.884	ug/l	
19) Methyl tert-butyl Ether	5.210	73	457734	44.348	ug/l	96
20) Methylene Chloride	4.704	84	194096	44.241	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	183591	45.888	ug/l	89
22) Diisopropyl ether	6.112	45	540965	42.834	ug/l #	92
23) Vinyl Acetate	6.051	43	1697554	214.377	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	321012	44.123	ug/l	99
25) 2-Butanone	6.978	43	335553	224.903	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	312480	47.156	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	212017	46.370	ug/l	90
28) Bromochloromethane	7.326	49	117077	46.081	ug/l #	81
29) Tetrahydrofuran	7.338	42	192588	201.485	ug/l #	86
30) Chloroform	7.496	83	331518	46.272	ug/l	98
31) Cyclohexane	7.777	56	289895	40.864	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	309702	47.440	ug/l	96
36) 1,1-Dichloropropene	7.911	75	258634	48.636	ug/l	97
37) Ethyl Acetate	7.064	43	134212	44.020	ug/l #	93
38) Carbon Tetrachloride	7.893	117	284926	51.990	ug/l	99
39) Methylcyclohexane	9.179	83	323953	47.187	ug/l	90
40) Benzene	8.155	78	732883	48.122	ug/l	96

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41) Methacrylonitrile	7.320	41	85127m	49.525	ug/l	
42) 1,2-Dichloroethane	8.228	62	214118	48.489	ug/l	92
43) Isopropyl Acetate	8.265	43	256158	44.076	ug/l #	91
44) Trichloroethene	8.935	130	211952	50.694	ug/l	100
45) 1,2-Dichloropropane	9.209	63	179590	46.284	ug/l	95
46) Dibromomethane	9.301	93	104774	49.163	ug/l	98
47) Bromodichloromethane	9.496	83	261356	49.868	ug/l	98
48) Methyl methacrylate	9.289	41	116971	43.147	ug/l #	87
49) 1,4-Dioxane	9.295	88	27425	935.228	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	677498	225.951	ug/l	91
52) Toluene	10.240	92	476185	48.878	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	269050	47.596	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	300914	47.209	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	147057	48.609	ug/l	98
56) Ethyl methacrylate	10.508	69	205945	46.077	ug/l	84
57) 1,3-Dichloropropane	10.788	76	247856	47.004	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	240369	194.600	ug/l	95
59) 2-Hexanone	10.831	43	496737	238.907	ug/l	89
60) Dibromochloromethane	10.984	129	185346	50.843	ug/l	99
61) 1,2-Dibromoethane	11.087	107	142603	48.777	ug/l	100
64) Tetrachloroethene	10.715	164	208431	52.525	ug/l	98
65) Chlorobenzene	11.514	112	510008	49.187	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	193184	50.740	ug/l	99
67) Ethyl Benzene	11.593	91	926436	48.792	ug/l	97
68) m/p-Xylenes	11.703	106	720673	99.358	ug/l	94
69) o-Xylene	12.026	106	346613	49.219	ug/l	93
70) Styrene	12.044	104	583699	49.757	ug/l	96
71) Bromoform	12.209	173	119201	50.647	ug/l #	100
73) Isopropylbenzene	12.331	105	923991	47.532	ug/l	99
74) N-amyl acetate	12.142	43	236050	44.014	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	164636	44.069	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	129110m	44.527	ug/l	
77) Bromobenzene	12.605	156	212583	48.072	ug/l	95
78) n-propylbenzene	12.672	91	1105814	47.388	ug/l	98
79) 2-Chlorotoluene	12.758	91	615991	46.704	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	779493	47.860	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	61974	44.587	ug/l	88
82) 4-Chlorotoluene	12.855	91	647501	47.679	ug/l	99
83) tert-Butylbenzene	13.075	119	687141	48.561	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	769672	48.122	ug/l	98
85) sec-Butylbenzene	13.251	105	1011768	48.351	ug/l	98
86) p-Isopropyltoluene	13.367	119	860228	49.768	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	426409	49.660	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	422665	49.509	ug/l	99
89) n-Butylbenzene	13.696	91	786553	48.138	ug/l	98
90) Hexachloroethane	13.959	117	158575	47.795	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	374879	48.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28040	42.594	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	236671	49.964	ug/l	99
94) Hexachlorobutadiene	15.111	225	139883	50.384	ug/l	98
95) Naphthalene	15.233	128	466590	47.472	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	202757	50.539	ug/l	99

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

