

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011208.D
 Acq On : 31 Oct 2022 19:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

11/01/2022

Supervised By :Mahesh
 Dadoda

11/01/2022

Quant Time: Nov 01 02:46:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	212050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164750	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	116618	53.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.380%	
35) Dibromofluoromethane	7.716	113	112800	52.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.960%	
50) Toluene-d8	10.179	98	439263	51.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.477	95	157904	56.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	49965	47.852	ug/l	98
3) Chloromethane	2.113	50	63206	46.244	ug/l	94
4) Vinyl Chloride	2.247	62	74945	45.474	ug/l	100
5) Bromomethane	2.643	94	52197	47.312	ug/l	100
6) Chloroethane	2.790	64	56373	48.907	ug/l	100
7) Trichlorofluoromethane	3.125	101	138580	46.236	ug/l	94
8) Diethyl Ether	3.527	74	57514	53.269	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	92137	48.678	ug/l	94
10) Methyl Iodide	4.088	142	96038	46.313	ug/l	92
11) Tert butyl alcohol	4.942	59	71019	336.250	ug/l	98
12) 1,1-Dichloroethene	3.869	96	78790	46.253	ug/l	85
13) Acrolein	3.722	56	40442	293.510	ug/l	98
14) Allyl chloride	4.478	41	137567	52.010	ug/l #	85
15) Acrylonitrile	5.155	53	178310	299.286	ug/l	97
16) Acetone	3.942	43	134091	249.947	ug/l #	85
17) Carbon Disulfide	4.192	76	151243	39.256	ug/l	97
18) Methyl Acetate	4.472	43	82733	58.527	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	293327	58.338	ug/l	98
20) Methylene Chloride	4.710	84	132989	61.632	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	90974	46.580	ug/l	92
22) Diisopropyl ether	6.112	45	356215	58.579	ug/l	93
23) Vinyl Acetate	6.057	43	1078249	311.891	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	197355	52.529	ug/l	99
25) 2-Butanone	6.978	43	223367	290.459	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	173130	51.563	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	123093	52.021	ug/l	90
28) Bromochloromethane	7.332	49	97482	56.824	ug/l	90
29) Tetrahydrofuran	7.344	42	141250	308.280	ug/l #	86
30) Chloroform	7.502	83	210263	53.308	ug/l	99
31) Cyclohexane	7.783	56	130047	47.267	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	174026	51.856	ug/l	96
36) 1,1-Dichloropropene	7.917	75	132987	47.456	ug/l	98
37) Ethyl Acetate	7.069	43	94577	59.650	ug/l #	93
38) Carbon Tetrachloride	7.899	117	150877	49.430	ug/l	98
39) Methylcyclohexane	9.179	83	143343	45.843	ug/l	92
40) Benzene	8.161	78	422432	50.351	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	45649m	55.093	ug/l	
42) 1,2-Dichloroethane	8.234	62	129106	54.086	ug/l	91
43) Isopropyl Acetate	8.270	43	169869	60.085	ug/l #	90
44) Trichloroethene	8.935	130	111759	49.563	ug/l	96
45) 1,2-Dichloropropane	9.215	63	119942	54.311	ug/l	97
46) Dibromomethane	9.301	93	65895	53.377	ug/l	95
47) Bromodichloromethane	9.496	83	168193	55.132	ug/l	100
48) Methyl methacrylate	9.289	41	75620	60.009	ug/l #	81
49) 1,4-Dioxane	9.295	88	21593	1267.267	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	506336	317.648	ug/l #	88
52) Toluene	10.240	92	271943	51.783	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	170378	55.701	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	189522	54.662	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	102575	55.824	ug/l	99
56) Ethyl methacrylate	10.508	69	141026	60.985	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	170912	55.724	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	335359	298.342	ug/l	98
59) 2-Hexanone	10.831	43	348537	316.823	ug/l	85
60) Dibromochloromethane	10.983	129	122798	56.519	ug/l	100
61) 1,2-Dibromoethane	11.087	107	91728	54.996	ug/l	100
64) Tetrachloroethene	10.715	164	108904	48.784	ug/l	96
65) Chlorobenzene	11.514	112	307141	51.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	125083	54.113	ug/l	98
67) Ethyl Benzene	11.593	91	541904	52.070	ug/l	98
68) m/p-Xylenes	11.703	106	416647	105.041	ug/l	96
69) o-Xylene	12.026	106	204401	54.031	ug/l	95
70) Styrene	12.044	104	360096	55.696	ug/l	96
71) Bromoform	12.203	173	79808	56.346	ug/l #	99
73) Isopropylbenzene	12.325	105	549131	51.050	ug/l	100
74) N-amyl acetate	12.142	43	154738	58.602	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	127862	54.484	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	93895m	54.818	ug/l	
77) Bromobenzene	12.605	156	128732	50.883	ug/l	97
78) n-propylbenzene	12.672	91	670837	51.282	ug/l	99
79) 2-Chlorotoluene	12.757	91	386425	51.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	469643	51.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	44710	55.433	ug/l #	84
82) 4-Chlorotoluene	12.855	91	399137	51.426	ug/l	100
83) tert-Butylbenzene	13.074	119	413145	52.222	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	469516	52.630	ug/l	99
85) sec-Butylbenzene	13.251	105	611287	51.675	ug/l	100
86) p-Isopropyltoluene	13.367	119	512662	52.754	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	261771	50.967	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	258765	50.360	ug/l	98
89) n-Butylbenzene	13.696	91	477829	52.641	ug/l	100
90) Hexachloroethane	13.958	117	104513	51.482	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	240734	52.104	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21750	57.571	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	145457	55.013	ug/l	99
94) Hexachlorobutadiene	15.111	225	83247	52.135	ug/l	99
95) Naphthalene	15.233	128	323192	54.210	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	131384	57.082	ug/l	99

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

