

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008855.D
 Acq On : 19 May 2022 08:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2022
 Supervised By :Mahesh Dadoda 05/23/2022

Quant Time: May 19 09:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						05/23/2022
1) Pentafluorobenzene	7.789	168	138523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148811	50.000	ug/l	0.00
System Monitoring Compounds						05/23/2022
33) 1,2-Dichloroethane-d4	8.137	65	74790	58.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.400%
35) Dibromofluoromethane	7.716	113	69777	48.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.179	98	293908	46.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.483	95	108661	48.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	40350	46.381	ug/l	98
3) Chloromethane	2.113	50	66469	53.884	ug/l	96
4) Vinyl Chloride	2.253	62	91467	48.446	ug/l	97
5) Bromomethane	2.650	94	86232	53.466	ug/l	99
6) Chloroethane	2.790	64	68267	47.265	ug/l	99
7) Trichlorofluoromethane	3.125	101	85637	45.647	ug/l	90
8) Diethyl Ether	3.528	74	31850	51.893	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	56019	48.995	ug/l	94
10) Methyl Iodide	4.088	142	62055	43.240	ug/l	92
11) Tert butyl alcohol	4.954	59	27938	196.707	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	51499	43.814	ug/l	79
13) Acrolein	3.723	56	7591	108.040	ug/l	97
14) Allyl chloride	4.479	41	82715	47.841	ug/l #	88
15) Acrylonitrile	5.161	53	91003	218.651	ug/l	98
16) Acetone	3.948	43	62907	215.750	ug/l	95
17) Carbon Disulfide	4.198	76	142171	46.878	ug/l	99
18) Methyl Acetate	4.473	43	45402	49.715	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	177319	56.013	ug/l	95
20) Methylene Chloride	4.716	84	75069	57.685	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	67837	47.069	ug/l	86
22) Diisopropyl ether	6.119	45	217659	59.445	ug/l #	96
23) Vinyl Acetate	6.064	43	697464	270.162	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	128158	52.749	ug/l	99
25) 2-Butanone	6.984	43	118638	219.985	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	95711	41.448	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	83826	52.440	ug/l	86
28) Bromochloromethane	7.332	49	51746	56.178	ug/l #	87
29) Tetrahydrofuran	7.350	42	80020	222.737	ug/l #	86
30) Chloroform	7.509	83	141000	54.129	ug/l	97
31) Cyclohexane	7.789	56	99986	49.207	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	119800	49.604	ug/l	98
36) 1,1-Dichloropropene	7.917	75	98199	42.957	ug/l	98
37) Ethyl Acetate	7.070	43	55256	40.563	ug/l	97
38) Carbon Tetrachloride	7.899	117	105247	42.960	ug/l	98
39) Methylcyclohexane	9.185	83	119496	44.079	ug/l	89
40) Benzene	8.161	78	308514	48.233	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28663m	40.010	ug/l	92
42) 1,2-Dichloroethane	8.240	62	93051	49.559	ug/l	92
43) Isopropyl Acetate	8.271	43	107413	47.366	ug/l #	90
44) Trichloroethene	8.941	130	79568	45.730	ug/l	95
45) 1,2-Dichloropropane	9.216	63	78851	51.871	ug/l	97
46) Dibromomethane	9.307	93	48584	48.638	ug/l	96
47) Bromodichloromethane	9.496	83	115490	52.153	ug/l	98
48) Methyl methacrylate	9.289	41	48036	48.241	ug/l #	83
49) 1,4-Dioxane	9.295	88	12676	844.854	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	306621	229.035	ug/l	91
52) Toluene	10.246	92	221564	50.976	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	117792	51.211	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	124231	50.086	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	71448	52.599	ug/l	97
56) Ethyl methacrylate	10.508	69	91066	55.258	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	115385	51.661	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	227449	270.650	ug/l	96
59) 2-Hexanone	10.831	43	213207	222.892	ug/l	90
60) Dibromochloromethane	10.984	129	87087	53.406	ug/l	99
61) 1,2-Dibromoethane	11.087	107	69617	51.393	ug/l	97
64) Tetrachloroethene	10.721	164	69829	43.333	ug/l	96
65) Chlorobenzene	11.514	112	243074	47.709	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	94405	50.718	ug/l	97
67) Ethyl Benzene	11.593	91	436641	47.989	ug/l	99
68) m/p-Xylenes	11.703	106	358350	98.860	ug/l	92
69) o-Xylene	12.032	106	171503	51.206	ug/l	90
70) Styrene	12.044	104	302202	53.301	ug/l	94
71) Bromoform	12.209	173	61982	49.052	ug/l #	100
73) Isopropylbenzene	12.331	105	459369	45.010	ug/l	100
74) N-amyl acetate	12.142	43	109716	45.038	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	98050	43.214	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	73415m	42.709	ug/l	
77) Bromobenzene	12.611	156	108236	45.769	ug/l	93
78) n-propylbenzene	12.672	91	559505	44.624	ug/l	99
79) 2-Chlorotoluene	12.758	91	317652	46.775	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	399577	48.490	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	29426	37.443	ug/l #	85
82) 4-Chlorotoluene	12.855	91	340683	47.486	ug/l	96
83) tert-Butylbenzene	13.075	119	354486	47.834	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	404762	49.617	ug/l	98
85) sec-Butylbenzene	13.258	105	549200	47.500	ug/l	99
86) p-Isopropyltoluene	13.373	119	453043	48.055	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237558	47.809	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	236902	48.200	ug/l	98
89) n-Butylbenzene	13.697	91	397197	44.386	ug/l	99
90) Hexachloroethane	13.965	117	86802	48.698	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	213338	49.096	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15001	38.667	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	108706	45.812	ug/l	100
94) Hexachlorobutadiene	15.117	225	59325	43.448	ug/l	99
95) Naphthalene	15.239	128	236646	44.611	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	98440	47.225	ug/l	99

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

05/23/2022
 Supervised By :Mahesh
 Dadoda

05/23/2022

