

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008661.D
 Acq On : 09 May 2022 15:01
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY050922

Quant Time: May 10 03:22:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/10/2022
 Supervised By :Semsettin Yesilyurt 05/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	269767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	420426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	386249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191135	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	110542	47.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.640%
35) Dibromofluoromethane	7.716	113	124678	48.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.179	98	439338	48.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.483	95	158272	48.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.918	85	63361	44.938	ug/l	97
3) Chloromethane	2.119	50	79338	45.706	ug/l	95
4) Vinyl Chloride	2.260	62	108592	49.275	ug/l	98
5) Bromomethane	2.662	94	80964	45.714	ug/l	97
6) Chloroethane	2.802	64	68988	45.624	ug/l	100
7) Trichlorofluoromethane	3.131	101	154605	57.979	ug/l	95
8) Diethyl Ether	3.528	74	75201	44.578	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.906	101	120972	44.334	ug/l	94
10) Methyl Iodide	4.088	142	208630	46.071	ug/l #	87
11) Tert butyl alcohol	4.979	59	42628	211.622	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	127987	45.323	ug/l #	76
13) Acrolein	3.729	56	55477	243.044	ug/l	96
14) Allyl chloride	4.479	41	162071	44.365	ug/l #	83
15) Acrylonitrile	5.161	53	166441	220.174	ug/l	97
16) Acetone	3.954	43	125580	230.277	ug/l #	82
17) Carbon Disulfide	4.192	76	344848	46.045	ug/l	99
18) Methyl Acetate	4.479	43	71417	43.937	ug/l #	82
19) Methyl tert-butyl Ether	5.210	73	231682	44.506	ug/l	95
20) Methylene Chloride	4.710	84	152984	46.194	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	141920	44.715	ug/l #	82
22) Diisopropyl ether	6.119	45	361279	45.685	ug/l #	86
23) Vinyl Acetate	6.058	43	1202906	240.818	ug/l #	86
24) 1,1-Dichloroethane	6.015	63	227844	44.873	ug/l	96
25) 2-Butanone	6.984	43	195594	218.188	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	152639	44.968	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	163647	45.609	ug/l	77
28) Bromochloromethane	7.332	49	82151	45.624	ug/l #	63
29) Tetrahydrofuran	7.350	42	128194	213.971	ug/l #	76
30) Chloroform	7.502	83	244271	45.490	ug/l	99
31) Cyclohexane	7.783	56	197683	43.233	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	200263	45.507	ug/l #	93
36) 1,1-Dichloropropene	7.911	75	188297	45.234	ug/l	94
37) Ethyl Acetate	7.070	43	92934	44.900	ug/l #	90
38) Carbon Tetrachloride	7.899	117	196281	46.620	ug/l	99
39) Methylcyclohexane	9.185	83	246477	45.782	ug/l #	85
40) Benzene	8.161	78	548516	45.353	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47784	41.985	ug/l #	45
42) 1,2-Dichloroethane	8.234	62	145726	46.482	ug/l	87
43) Isopropyl Acetate	8.271	43	172310	45.827	ug/l #	83
44) Trichloroethene	8.941	130	161402	45.728	ug/l	95
45) 1,2-Dichloropropane	9.216	63	133346	45.190	ug/l	95
46) Dibromomethane	9.307	93	86159	46.652	ug/l	95
47) Bromodichloromethane	9.496	83	193492	46.919	ug/l	99
48) Methyl methacrylate	9.289	41	74172	45.316	ug/l #	70
49) 1,4-Dioxane	9.307	88	20213	905.052	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	450496	229.082	ug/l #	82
52) Toluene	10.246	92	364850	46.338	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	208221	46.985	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	237637	46.989	ug/l #	77
55) 1,1,2-Trichloroethane	10.648	97	122638	46.563	ug/l	97
56) Ethyl methacrylate	10.508	69	159515	47.861	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	201303	46.725	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	398926	241.735	ug/l #	90
59) 2-Hexanone	10.831	43	315025	233.892	ug/l	79
60) Dibromochloromethane	10.984	129	151473	47.361	ug/l	99
61) 1,2-Dibromoethane	11.093	107	122755	47.297	ug/l	99
64) Tetrachloroethene	10.721	164	135048	44.858	ug/l	98
65) Chlorobenzene	11.520	112	406696	47.068	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	151261	47.139	ug/l	97
67) Ethyl Benzene	11.593	91	692193	46.617	ug/l	97
68) m/p-Xylenes	11.703	106	557345	93.814	ug/l	89
69) o-Xylene	12.032	106	264402	46.913	ug/l	90
70) Styrene	12.044	104	446939	47.759	ug/l	93
71) Bromoform	12.209	173	97485	47.139	ug/l #	99
73) Isopropylbenzene	12.331	105	693207	47.472	ug/l	99
74) N-amyl acetate	12.148	43	159894	48.767	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	143703	47.016	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91991m	42.695	ug/l	
77) Bromobenzene	12.611	156	172430	47.195	ug/l	88
78) n-propylbenzene	12.672	91	818698	47.156	ug/l	96
79) 2-Chlorotoluene	12.758	91	453420	47.207	ug/l	94
80) 1,3,5-Trimethylbenzene	12.813	105	559175	47.279	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	52088	48.098	ug/l #	77
82) 4-Chlorotoluene	12.855	91	466342	46.821	ug/l	94
83) tert-Butylbenzene	13.081	119	516492	48.680	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	557496	47.731	ug/l	96
85) sec-Butylbenzene	13.258	105	751858	47.945	ug/l	99
86) p-Isopropyltoluene	13.373	119	629574	48.314	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	331224	46.866	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	328468	46.874	ug/l	98
89) n-Butylbenzene	13.703	91	574278	48.155	ug/l	98
90) Hexachloroethane	13.965	117	119043	47.052	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	296463	47.293	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	20792	45.963	ug/l	61
93) 1,2,4-Trichlorobenzene	15.013	180	195322	48.775	ug/l	99
94) Hexachlorobutadiene	15.117	225	105183	47.933	ug/l	99
95) Naphthalene	15.239	128	409793	50.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	174285	49.385	ug/l	98

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

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