

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009143.D
 Acq On : 06 Jun 2022 13:30
 Operator : KP/MD
 Sample : VY0606SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS02

Quant Time: Jun 07 02:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/07/2022
 Supervised By :Semsettin Yesilyurt 06/07/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	111756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51166	44.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.716	113	55439	47.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.740%		
50) Toluene-d8	10.179	98	171820	39.800	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.600%		
62) 4-Bromofluorobenzene	12.483	95	75435	43.317	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18087	17.695	ug/l	100
3) Chloromethane	2.107	50	31776	21.700	ug/l	94
4) Vinyl Chloride	2.247	62	49915	23.008	ug/l	99
5) Bromomethane	2.619	94	47617	22.391	ug/l	98
6) Chloroethane	2.778	64	35520	23.111	ug/l	97
7) Trichlorofluoromethane	3.113	101	37944	20.595	ug/l	94
8) Diethyl Ether	3.521	74	11246	19.521	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	21092	18.627	ug/l	93
10) Methyl Iodide	4.082	142	19188	16.411	ug/l	93
11) Tert butyl alcohol	4.954	59	10695	91.673	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	19021	18.095	ug/l #	75
13) Acrolein	3.723	56	4287	111.637	ug/l	98
14) Allyl chloride	4.466	41	27177	17.156	ug/l #	78
15) Acrylonitrile	5.155	53	30833	95.590	ug/l	98
16) Acetone	3.942	43	22988	96.017	ug/l	96
17) Carbon Disulfide	4.180	76	58330	16.985	ug/l	97
18) Methyl Acetate	4.472	43	15458	20.734	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	59554	18.876	ug/l	100
20) Methylene Chloride	4.710	84	26850	14.317	ug/l #	76
21) trans-1,2-Dichloroethene	5.210	96	23736	17.593	ug/l	86
22) Diisopropyl ether	6.112	45	70606	18.552	ug/l #	94
23) Vinyl Acetate	6.051	43	232604	92.397	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	43682	19.190	ug/l #	97
25) 2-Butanone	6.978	43	41315	96.615	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	40615	19.370	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	27785	18.269	ug/l	88
28) Bromochloromethane	7.332	49	15201	19.456	ug/l #	95
29) Tetrahydrofuran	7.338	42	27338	94.114	ug/l #	86
30) Chloroform	7.502	83	46171	18.790	ug/l	99
31) Cyclohexane	7.783	56	37989	16.883	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	41122	18.447	ug/l	98
36) 1,1-Dichloropropene	7.911	75	34173	17.160	ug/l	98
37) Ethyl Acetate	7.070	43	18752	18.152	ug/l #	95
38) Carbon Tetrachloride	7.893	117	35773	17.171	ug/l	98
39) Methylcyclohexane	9.179	83	41073	15.978	ug/l	90
40) Benzene	8.155	78	102002	17.762	ug/l	93

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41) Methacrylonitrile	7.313	41	10623m	19.928	ug/l	
42) 1,2-Dichloroethane	8.234	62	31214	18.511	ug/l	93
43) Isopropyl Acetate	8.271	43	36449	18.976	ug/l #	94
44) Trichloroethene	8.935	130	26582	17.482	ug/l	98
45) 1,2-Dichloropropane	9.216	63	25478	18.477	ug/l	94
46) Dibromomethane	9.301	93	15625	17.821	ug/l	92
47) Bromodichloromethane	9.496	83	37587	18.758	ug/l	99
48) Methyl methacrylate	9.289	41	15546	18.125	ug/l #	79
49) 1,4-Dioxane	9.301	88	4282	365.338	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	99464	93.564	ug/l	95
52) Toluene	10.240	92	66272	16.513	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	38135	17.921	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	41775	18.262	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	21560	17.576	ug/l	96
56) Ethyl methacrylate	10.508	69	26416	16.844	ug/l	89
57) 1,3-Dichloropropane	10.788	76	36987	18.484	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	56937	83.918	ug/l	98
59) 2-Hexanone	10.831	43	67001	92.054	ug/l	91
60) Dibromochloromethane	10.983	129	25646	17.247	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20365	16.754	ug/l	99
64) Tetrachloroethene	10.715	164	22312	17.052	ug/l	96
65) Chlorobenzene	11.514	112	71990	17.448	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	26566	17.584	ug/l	97
67) Ethyl Benzene	11.593	91	126421	17.002	ug/l	96
68) m/p-Xylenes	11.703	106	100873	33.418	ug/l	91
69) o-Xylene	12.032	106	47929	17.099	ug/l	88
70) Styrene	12.044	104	78070	16.196	ug/l	95
71) Bromoform	12.203	173	16199	16.174	ug/l #	97
73) Isopropylbenzene	12.331	105	120923	17.226	ug/l	99
74) N-amyl acetate	12.142	43	33512	20.691	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	27872	19.274	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	16184m	16.053	ug/l	
77) Bromobenzene	12.611	156	29636	18.212	ug/l	94
78) n-propylbenzene	12.672	91	155044	19.117	ug/l	99
79) 2-Chlorotoluene	12.758	91	83177	17.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	103107	17.524	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9182	18.693	ug/l	90
82) 4-Chlorotoluene	12.855	91	88345	17.656	ug/l	97
83) tert-Butylbenzene	13.075	119	87906	16.840	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	102922	17.621	ug/l	97
85) sec-Butylbenzene	13.251	105	138755	17.373	ug/l	98
86) p-Isopropyltoluene	13.367	119	115567	17.352	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	60843	17.528	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	61278	17.571	ug/l	100
89) n-Butylbenzene	13.696	91	109118	17.908	ug/l	98
90) Hexachloroethane	13.959	117	22080	17.690	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	53097	17.328	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4503	20.057	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	29824	17.735	ug/l	97
94) Hexachlorobutadiene	15.111	225	15726	17.158	ug/l	98
95) Naphthalene	15.239	128	57782	17.104	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	24532	16.787	ug/l	97

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

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