

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009121.D
 Acq On : 02 Jun 2022 12:44
 Operator : KP/MD
 Sample : VY0602SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0602SBS01

Quant Time: Jun 03 03:11:06 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 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	107232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	167528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53837	48.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.715	113	56190	51.017	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.040%		
50) Toluene-d8	10.178	98	175642	43.228	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.460%		
62) 4-Bromofluorobenzene	12.483	95	78579	47.942	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	18837	19.206	ug/l	97
3) Chloromethane	2.107	50	33990	24.191	ug/l	93
4) Vinyl Chloride	2.247	62	51853	24.909	ug/l	97
5) Bromomethane	2.625	94	57916	28.383	ug/l	95
6) Chloroethane	2.777	64	38886	26.368	ug/l	98
7) Trichlorofluoromethane	3.113	101	40569	22.949	ug/l	89
8) Diethyl Ether	3.521	74	12319	22.286	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.893	101	21970	20.221	ug/l	94
10) Methyl Iodide	4.076	142	19247	17.156	ug/l	92
11) Tert butyl alcohol	4.948	59	13466	120.294	ug/l #	91
12) 1,1-Dichloroethene	3.862	96	19550	19.383	ug/l	86
13) Acrolein	3.722	56	4851	131.654	ug/l	99
14) Allyl chloride	4.472	41	28641	18.843	ug/l #	83
15) Acrylonitrile	5.155	53	33233	107.377	ug/l	97
16) Acetone	3.942	43	25807	112.339	ug/l #	87
17) Carbon Disulfide	4.186	76	62012	18.819	ug/l	99
18) Methyl Acetate	4.466	43	16246	22.710	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	61028	20.159	ug/l	97
20) Methylene Chloride	4.704	84	31431	19.583	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	24708	19.086	ug/l	85
22) Diisopropyl ether	6.112	45	71753	19.649	ug/l #	93
23) Vinyl Acetate	6.051	43	237699	98.404	ug/l #	95
24) 1,1-Dichloroethane	6.008	63	43603	19.963	ug/l	99
25) 2-Butanone	6.984	43	44058	107.376	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	41136	20.446	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	27380	18.762	ug/l	92
28) Bromochloromethane	7.331	49	15594	20.801	ug/l	93
29) Tetrahydrofuran	7.344	42	29168	104.651	ug/l	91
30) Chloroform	7.502	83	46309	19.642	ug/l	98
31) Cyclohexane	7.776	56	39601	18.342	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	40644	19.001	ug/l	99
36) 1,1-Dichloropropene	7.911	75	35291	18.828	ug/l	98
37) Ethyl Acetate	7.069	43	19999	20.569	ug/l	96
38) Carbon Tetrachloride	7.898	117	36650	18.692	ug/l	95
39) Methylcyclohexane	9.179	83	42465	17.552	ug/l	90
40) Benzene	8.154	78	102624	18.987	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10762m	21.450	ug/l	
42) 1,2-Dichloroethane	8.234	62	30936	19.492	ug/l	92
43) Isopropyl Acetate	8.270	43	36355	20.109	ug/l #	92
44) Trichloroethene	8.935	130	25622	17.903	ug/l	96
45) 1,2-Dichloropropane	9.215	63	25640	19.756	ug/l	98
46) Dibromomethane	9.301	93	16322	19.779	ug/l	92
47) Bromodichloromethane	9.496	83	37124	19.684	ug/l	98
48) Methyl methacrylate	9.288	41	16257	20.138	ug/l #	84
49) 1,4-Dioxane	9.301	88	4378	396.870	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	102311	102.256	ug/l	94
52) Toluene	10.239	92	67440	17.855	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	37450	18.699	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	41822	19.425	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	21035	18.220	ug/l	94
56) Ethyl methacrylate	10.508	69	25588	17.335	ug/l	92
57) 1,3-Dichloropropane	10.788	76	36217	19.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	59899	93.800	ug/l	97
59) 2-Hexanone	10.831	43	69760	101.834	ug/l	91
60) Dibromochloromethane	10.983	129	25105	17.938	ug/l	96
61) 1,2-Dibromoethane	11.087	107	20530	17.945	ug/l	99
64) Tetrachloroethene	10.721	164	21912	17.970	ug/l	93
65) Chlorobenzene	11.514	112	69455	18.063	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26103	18.540	ug/l	97
67) Ethyl Benzene	11.593	91	124854	18.018	ug/l	98
68) m/p-Xylenes	11.703	106	101026	35.914	ug/l	90
69) o-Xylene	12.032	106	47483	18.177	ug/l	88
70) Styrene	12.044	104	78550	17.485	ug/l	95
71) Bromoform	12.209	173	16150	17.303	ug/l #	98
73) Isopropylbenzene	12.330	105	124111	18.763	ug/l	96
74) N-amyl acetate	12.142	43	34308	22.480	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.580	83	27936	20.502	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	20399m	21.473	ug/l	
77) Bromobenzene	12.611	156	29096	18.976	ug/l	96
78) n-propylbenzene	12.672	91	156647	20.498	ug/l	100
79) 2-Chlorotoluene	12.757	91	81870	18.572	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	101547	18.316	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9380	20.267	ug/l	92
82) 4-Chlorotoluene	12.855	91	87704	18.602	ug/l	96
83) tert-Butylbenzene	13.074	119	88032	17.897	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	104395	18.968	ug/l	98
85) sec-Butylbenzene	13.251	105	142291	18.907	ug/l	99
86) p-Isopropyltoluene	13.373	119	114455	18.238	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	61234	18.721	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	61660	18.764	ug/l	99
89) n-Butylbenzene	13.696	91	112709	19.631	ug/l	98
90) Hexachloroethane	13.964	117	22372	19.023	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	53720	18.606	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4268	20.175	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	29429	18.572	ug/l	98
94) Hexachlorobutadiene	15.117	225	16345	18.926	ug/l	97
95) Naphthalene	15.239	128	59170	18.588	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	26658	19.360	ug/l	97

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

