

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009239.D
 Acq On : 20 Jun 2022 12:23
 Operator : KP/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 08:12:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95436	48.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.640%		
35) Dibromofluoromethane	7.716	113	94747	49.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.940%		
50) Toluene-d8	10.179	98	369804	51.237	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.477	95	133001	51.857	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27965	19.741	ug/l	100
3) Chloromethane	2.107	50	35048	19.969	ug/l	99
4) Vinyl Chloride	2.247	62	38236	20.755	ug/l	97
5) Bromomethane	2.637	94	26612	20.562	ug/l	99
6) Chloroethane	2.784	64	24079	20.887	ug/l	96
7) Trichlorofluoromethane	3.119	101	60928	20.704	ug/l	99
8) Diethyl Ether	3.521	74	21391	19.157	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	37388	20.663	ug/l	96
10) Methyl Iodide	4.082	142	41895	18.125	ug/l	89
11) Tert butyl alcohol	4.942	59	24408	78.700	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	36403	20.442	ug/l	88
13) Acrolein	3.729	56	6418	101.293	ug/l	98
14) Allyl chloride	4.472	41	66509	20.696	ug/l	93
15) Acrylonitrile	5.161	53	55687	93.242	ug/l	98
16) Acetone	3.942	43	46334	94.093	ug/l	92
17) Carbon Disulfide	4.192	76	102558	19.893	ug/l	96
18) Methyl Acetate	4.479	43	29164	18.265	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	102785	19.130	ug/l	99
20) Methylene Chloride	4.704	84	48449	20.140	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	42610	20.421	ug/l	89
22) Diisopropyl ether	6.112	45	141647	21.377	ug/l	95
23) Vinyl Acetate	6.057	43	424250	101.779	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	78245	20.898	ug/l	98
25) 2-Butanone	6.984	43	75064	96.332	ug/l	94
26) 2,2-Dichloropropane	6.978	77	71822	21.649	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	49799	20.349	ug/l	90
28) Bromochloromethane	7.332	49	31214	19.450	ug/l	92
29) Tetrahydrofuran	7.344	42	47429	91.670	ug/l	92
30) Chloroform	7.502	83	79174	20.558	ug/l	99
31) Cyclohexane	7.783	56	75089	21.443	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	67704	19.993	ug/l	96
36) 1,1-Dichloropropene	7.917	75	59674	20.460	ug/l	97
37) Ethyl Acetate	7.069	43	32698	18.840	ug/l #	94
38) Carbon Tetrachloride	7.899	117	60475	20.053	ug/l	97
39) Methylcyclohexane	9.179	83	75459	21.460	ug/l	96
40) Benzene	8.161	78	180072	21.143	ug/l	99

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41) Methacrylonitrile	7.301	41	18278m	18.829	ug/l	
42) 1,2-Dichloroethane	8.234	62	49801	20.049	ug/l	91
43) Isopropyl Acetate	8.271	43	60430	18.825	ug/l #	92
44) Trichloroethene	8.935	130	50200	20.620	ug/l	93
45) 1,2-Dichloropropane	9.209	63	45130	20.904	ug/l	96
46) Dibromomethane	9.307	93	24856	20.015	ug/l	99
47) Bromodichloromethane	9.496	83	59426	20.078	ug/l	97
48) Methyl methacrylate	9.289	41	27353	19.091	ug/l	89
49) 1,4-Dioxane	9.289	88	6286	355.845	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	159374	94.383	ug/l	91
52) Toluene	10.240	92	116359	21.397	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	63211	20.360	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	72705	20.735	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	34637	19.709	ug/l	96
56) Ethyl methacrylate	10.508	69	47321	19.863	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	59512	19.823	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	99415	96.269	ug/l	98
59) 2-Hexanone	10.831	43	108109	93.325	ug/l	92
60) Dibromochloromethane	10.983	129	42252	19.638	ug/l	100
61) 1,2-Dibromoethane	11.087	107	33229	19.401	ug/l	98
64) Tetrachloroethene	10.715	164	53847	21.265	ug/l	99
65) Chlorobenzene	11.514	112	123259	20.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	44157	20.364	ug/l	96
67) Ethyl Benzene	11.593	91	219221	21.218	ug/l	98
68) m/p-Xylenes	11.703	106	170006	41.737	ug/l	95
69) o-Xylene	12.026	106	81430	21.099	ug/l	91
70) Styrene	12.044	104	134628	20.794	ug/l	96
71) Bromoform	12.209	173	26105	18.849	ug/l #	98
73) Isopropylbenzene	12.331	105	216052	21.513	ug/l	99
74) N-amyl acetate	12.142	43	52980	18.912	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	37546	18.889	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	30431m	20.654	ug/l	
77) Bromobenzene	12.605	156	50073	20.294	ug/l	96
78) n-propylbenzene	12.672	91	262603	21.611	ug/l	98
79) 2-Chlorotoluene	12.758	91	146526	21.401	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	181792	21.657	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	13768	18.623	ug/l	88
82) 4-Chlorotoluene	12.855	91	151497	21.207	ug/l	99
83) tert-Butylbenzene	13.075	119	156722	21.236	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	177368	21.527	ug/l	97
85) sec-Butylbenzene	13.251	105	237777	21.758	ug/l	99
86) p-Isopropyltoluene	13.367	119	194007	21.393	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	99804	20.972	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	99935	20.687	ug/l	99
89) n-Butylbenzene	13.696	91	186062	21.697	ug/l	99
90) Hexachloroethane	13.959	117	36905	21.582	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	88084	20.468	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6261	17.457	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	52586	19.435	ug/l	97
94) Hexachlorobutadiene	15.111	225	30016	20.184	ug/l	95
95) Naphthalene	15.233	128	99779	17.680	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	44950	18.876	ug/l	98

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

