

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010162.D
 Acq On : 23 Aug 2022 14:00
 Operator : KP/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 04:32:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	227318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	92679	49.775	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.560%		
35) Dibromofluoromethane	7.710	113	103391	51.321	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.640%		
50) Toluene-d8	10.179	98	348938	46.224	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.477	95	139252	51.629	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29380	17.341	ug/l	95
3) Chloromethane	2.107	50	30098	15.789	ug/l	99
4) Vinyl Chloride	2.241	62	33824	16.289	ug/l	99
5) Bromomethane	2.631	94	29520	18.779	ug/l	93
6) Chloroethane	2.778	64	26444	19.954	ug/l	99
7) Trichlorofluoromethane	3.107	101	63322	17.994	ug/l	98
8) Diethyl Ether	3.521	74	23936	19.928	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	42049	19.249	ug/l	99
10) Methyl Iodide	4.082	142	46408	17.200	ug/l	97
11) Tert butyl alcohol	4.948	59	21369	116.531	ug/l	99
12) 1,1-Dichloroethene	3.857	96	37815	18.045	ug/l	96
13) Acrolein	3.723	56	11839	114.200	ug/l	100
14) Allyl chloride	4.466	41	62070	20.026	ug/l	98
15) Acrylonitrile	5.155	53	64526	111.754	ug/l	100
16) Acetone	3.942	43	54177	116.257	ug/l	99
17) Carbon Disulfide	4.180	76	91518	13.761	ug/l	100
18) Methyl Acetate	4.466	43	31226	21.870	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	109550	21.097	ug/l	100
20) Methylene Chloride	4.704	84	61227	17.894	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	43133	18.153	ug/l	96
22) Diisopropyl ether	6.106	45	141255	21.697	ug/l	93
23) Vinyl Acetate	6.051	43	424498	107.444	ug/l	100
24) 1,1-Dichloroethane	6.009	63	81136	20.681	ug/l	100
25) 2-Butanone	6.978	43	83263	111.074	ug/l	97
26) 2,2-Dichloropropane	6.972	77	70581	20.105	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	50986	19.395	ug/l	95
28) Bromochloromethane	7.320	49	25907	19.433	ug/l	95
29) Tetrahydrofuran	7.344	42	52648	109.825	ug/l	98
30) Chloroform	7.496	83	84654	20.634	ug/l	99
31) Cyclohexane	7.777	56	67056	17.578	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	73449	20.536	ug/l	98
36) 1,1-Dichloropropene	7.911	75	59248	18.425	ug/l	99
37) Ethyl Acetate	7.070	43	36183	22.163	ug/l	99
38) Carbon Tetrachloride	7.893	117	65969	19.561	ug/l	95
39) Methylcyclohexane	9.179	83	68792	17.348	ug/l	97
40) Benzene	8.155	78	181759	19.216	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18123	19.365	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	51513	21.235	ug/l	99
43) Isopropyl Acetate	8.265	43	64167	21.771	ug/l	99
44) Trichloroethene	8.935	130	51448	18.976	ug/l	97
45) 1,2-Dichloropropane	9.209	63	46598	20.471	ug/l	99
46) Dibromomethane	9.301	93	26491	19.892	ug/l	99
47) Bromodichloromethane	9.490	83	64699	20.874	ug/l	97
48) Methyl methacrylate	9.289	41	28129	21.331	ug/l	98
49) 1,4-Dioxane	9.295	88	6509	421.982	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	176761	110.849	ug/l	99
52) Toluene	10.240	92	117075	19.523	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	65791	20.770	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	74053	20.041	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	40414	21.073	ug/l	99
56) Ethyl methacrylate	10.508	69	50526	20.889	ug/l	97
57) 1,3-Dichloropropane	10.788	76	64946	20.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	117105	121.380	ug/l	98
59) 2-Hexanone	10.831	43	122147	111.713	ug/l	98
60) Dibromochloromethane	10.984	129	47459	20.305	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37045	19.847	ug/l	100
64) Tetrachloroethene	10.715	164	49295	18.529	ug/l	99
65) Chlorobenzene	11.514	112	130722	19.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50229	20.498	ug/l	99
67) Ethyl Benzene	11.593	91	226456	19.604	ug/l	100
68) m/p-Xylenes	11.703	106	176839	39.255	ug/l	99
69) o-Xylene	12.026	106	84088	20.047	ug/l	99
70) Styrene	12.044	104	146530	20.471	ug/l	99
71) Bromoform	12.203	173	31194	20.680	ug/l #	99
73) Isopropylbenzene	12.331	105	225476	19.136	ug/l	100
74) N-amyl acetate	12.142	43	58296	20.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	46565	19.757	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39708m	24.208	ug/l	
77) Bromobenzene	12.605	156	55589	19.395	ug/l	99
78) n-propylbenzene	12.666	91	281367	19.449	ug/l	100
79) 2-Chlorotoluene	12.752	91	158285	19.423	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	196922	19.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	16493	20.196	ug/l	96
82) 4-Chlorotoluene	12.855	91	165662	19.610	ug/l	100
83) tert-Butylbenzene	13.075	119	169305	19.699	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	194778	19.949	ug/l	100
85) sec-Butylbenzene	13.251	105	256142	19.657	ug/l	99
86) p-Isopropyltoluene	13.367	119	212871	19.818	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	113409	19.650	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	112004	19.382	ug/l	98
89) n-Butylbenzene	13.696	91	199840	19.767	ug/l	99
90) Hexachloroethane	13.959	117	43326	19.783	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	101388	19.791	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7447	20.667	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	62725	20.651	ug/l	99
94) Hexachlorobutadiene	15.111	225	37584	20.843	ug/l	98
95) Naphthalene	15.233	128	120728	20.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53685	20.282	ug/l	98

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

