

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014156.D
 Acq On : 14 Jun 2023 16:15
 Operator : KP/MD
 Sample : VY0614SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/15/2023
 Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123512	45.683	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.360%		
35) Dibromofluoromethane	7.722	113	106818	52.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.840%		
50) Toluene-d8	10.179	98	373229	48.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.483	95	142774	52.754	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50066	23.138	ug/l	96
3) Chloromethane	2.113	50	51993	18.950	ug/l	98
4) Vinyl Chloride	2.253	62	53814	20.174	ug/l	97
5) Bromomethane	2.637	94	41709	18.950	ug/l	90
6) Chloroethane	2.790	64	35193	19.415	ug/l	96
7) Trichlorofluoromethane	3.119	101	96154	22.188	ug/l	100
8) Diethyl Ether	3.534	74	27840	19.239	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	49289	22.536	ug/l	98
10) Methyl Iodide	4.088	142	48351	16.742	ug/l	96
11) Tert butyl alcohol	4.954	59	42865	126.856	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	45871	20.692	ug/l	94
13) Acrolein	3.735	56	19309	140.360	ug/l	99
14) Allyl chloride	4.479	41	74768	18.606	ug/l	96
15) Acrylonitrile	5.161	53	74697	100.078	ug/l	98
16) Acetone	3.948	43	75767	92.969	ug/l	98
17) Carbon Disulfide	4.192	76	127118	17.696	ug/l	99
18) Methyl Acetate	4.485	43	58503	18.494	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	128424	19.642	ug/l	94
20) Methylene Chloride	4.716	84	59388	20.726	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	49141	19.874	ug/l	94
22) Diisopropyl ether	6.119	45	155004	20.147	ug/l	98
23) Vinyl Acetate	6.064	43	442663	97.513	ug/l	100
24) 1,1-Dichloroethane	6.015	63	90560	20.415	ug/l	99
25) 2-Butanone	6.984	43	101250	100.927	ug/l	99
26) 2,2-Dichloropropane	6.978	77	86521	20.766	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	55030	19.895	ug/l	99
28) Bromochloromethane	7.338	49	35820	19.856	ug/l	95
29) Tetrahydrofuran	7.344	42	61808	97.161	ug/l	96
30) Chloroform	7.502	83	97492	20.716	ug/l	98
31) Cyclohexane	7.789	56	74446	20.555	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	90422	21.303	ug/l	99
36) 1,1-Dichloropropene	7.917	75	67505	21.248	ug/l	98
37) Ethyl Acetate	7.070	43	43449	19.821	ug/l	98
38) Carbon Tetrachloride	7.899	117	83832	22.866	ug/l	93
39) Methylcyclohexane	9.185	83	77646	22.027	ug/l	98
40) Benzene	8.161	78	200275	21.199	ug/l	99

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41) Methacrylonitrile	7.326	41	24714m	22.091	ug/l	
42) 1,2-Dichloroethane	8.234	62	72609	21.734	ug/l	99
43) Isopropyl Acetate	8.277	43	80774	21.023	ug/l	99
44) Trichloroethene	8.941	130	55753	22.088	ug/l	97
45) 1,2-Dichloropropane	9.216	63	50726	21.139	ug/l	98
46) Dibromomethane	9.307	93	31013	20.996	ug/l	98
47) Bromodichloromethane	9.496	83	74749	21.613	ug/l	96
48) Methyl methacrylate	9.295	41	36592	20.420	ug/l	98
49) 1,4-Dioxane	9.301	88	7952	423.684	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	217713	104.301	ug/l	100
52) Toluene	10.246	92	128117	21.877	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	75643	20.776	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	83556	21.034	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	41541	21.203	ug/l	98
56) Ethyl methacrylate	10.508	69	55039	20.367	ug/l	98
57) 1,3-Dichloropropane	10.788	76	70416	21.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	77276	85.289	ug/l	95
59) 2-Hexanone	10.831	43	157583	104.525	ug/l	98
60) Dibromochloromethane	10.983	129	53575	21.365	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40695	21.047	ug/l	100
64) Tetrachloroethene	10.721	164	50614	21.777	ug/l	94
65) Chlorobenzene	11.514	112	137574	20.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	54393	21.107	ug/l	100
67) Ethyl Benzene	11.593	91	244774	21.344	ug/l	98
68) m/p-Xylenes	11.703	106	192079	43.544	ug/l	97
69) o-Xylene	12.032	106	90852	21.784	ug/l	97
70) Styrene	12.044	104	151066	21.223	ug/l	99
71) Bromoform	12.209	173	37641	21.328	ug/l #	99
73) Isopropylbenzene	12.331	105	240329	20.829	ug/l	99
74) N-amyl acetate	12.142	43	70986	19.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	50218	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33014m	16.638	ug/l	
77) Bromobenzene	12.611	156	60852	20.067	ug/l	95
78) n-propylbenzene	12.672	91	297057	21.079	ug/l	99
79) 2-Chlorotoluene	12.758	91	167263	20.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	206495	20.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18238	19.868	ug/l	98
82) 4-Chlorotoluene	12.855	91	177169	20.618	ug/l	99
83) tert-Butylbenzene	13.075	119	176328	21.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	206789	21.146	ug/l	99
85) sec-Butylbenzene	13.251	105	266350	21.822	ug/l	99
86) p-Isopropyltoluene	13.373	119	221629	21.216	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	120773	20.859	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120752	20.699	ug/l	99
89) n-Butylbenzene	13.696	91	207552	21.422	ug/l	99
90) Hexachloroethane	13.965	117	44705	21.477	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	110770	21.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9767	19.894	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68866	20.905	ug/l	99
94) Hexachlorobutadiene	15.111	225	43734	22.995	ug/l	96
95) Naphthalene	15.239	128	129088	19.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	59985	20.151	ug/l	99

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

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