

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013151.D
 Acq On : 30 Mar 2023 15:11
 Operator : KP/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 05:45:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	127181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71083	52.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.020%			
35) Dibromofluoromethane	7.716	113	64873	49.314	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.620%			
50) Toluene-d8	10.179	98	243483	49.028	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.060%			
62) 4-Bromofluorobenzene	12.483	95	81427	50.372	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24592	19.725	ug/l	96
3) Chloromethane	2.113	50	25224	19.401	ug/l	92
4) Vinyl Chloride	2.253	62	24126	18.508	ug/l	98
5) Bromomethane	2.637	94	17893	19.450	ug/l	94
6) Chloroethane	2.790	64	15872	19.438	ug/l	98
7) Trichlorofluoromethane	3.125	101	44709	19.271	ug/l	99
8) Diethyl Ether	3.527	74	15183	20.841	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	24212	18.929	ug/l	97
10) Methyl Iodide	4.088	142	33316	20.003	ug/l	98
11) Tert butyl alcohol	4.948	59	15819	128.414	ug/l	99
12) 1,1-Dichloroethene	3.869	96	24057	19.456	ug/l	98
13) Acrolein	3.723	56	20306	117.461	ug/l	99
14) Allyl chloride	4.479	41	43174	20.493	ug/l	97
15) Acrylonitrile	5.155	53	41190	113.781	ug/l	100
16) Acetone	3.942	43	41978	100.439	ug/l	98
17) Carbon Disulfide	4.192	76	79167	19.226	ug/l	98
18) Methyl Acetate	4.472	43	30318	23.022	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	69748	22.261	ug/l	97
20) Methylene Chloride	4.716	84	37378	23.008	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	28433	20.409	ug/l	95
22) Diisopropyl ether	6.112	45	89355	21.709	ug/l	96
23) Vinyl Acetate	6.058	43	264899	113.173	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50139	20.568	ug/l	99
25) 2-Butanone	6.984	43	58576	112.086	ug/l	97
26) 2,2-Dichloropropane	6.978	77	43548	19.861	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	31321	20.869	ug/l	99
28) Bromochloromethane	7.332	49	21543	20.595	ug/l	94
29) Tetrahydrofuran	7.344	42	37065	119.812	ug/l	99
30) Chloroform	7.502	83	51531	20.413	ug/l	100
31) Cyclohexane	7.783	56	41957	18.803	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	44466	19.923	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37658	19.015	ug/l	99
37) Ethyl Acetate	7.070	43	25458	22.629	ug/l	99
38) Carbon Tetrachloride	7.899	117	39804	18.216	ug/l	98
39) Methylcyclohexane	9.179	83	42266	18.192	ug/l	94
40) Benzene	8.161	78	113125	19.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11212m	22.465	ug/l	
42) 1,2-Dichloroethane	8.234	62	35922	20.498	ug/l	100
43) Isopropyl Acetate	8.271	43	43497	21.600	ug/l	97
44) Trichloroethene	8.941	130	30711	19.504	ug/l	99
45) 1,2-Dichloropropane	9.215	63	28782	20.095	ug/l	96
46) Dibromomethane	9.301	93	17104	20.787	ug/l	98
47) Bromodichloromethane	9.496	83	40023	20.159	ug/l #	96
48) Methyl methacrylate	9.289	41	19714	21.020	ug/l	92
49) 1,4-Dioxane	9.295	88	4559	465.745	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	122972	113.152	ug/l	99
52) Toluene	10.246	92	70306	19.815	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41313	20.358	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46813	20.199	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	23016	20.236	ug/l	99
56) Ethyl methacrylate	10.508	69	29563	20.673	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39731	20.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76696	114.703	ug/l	98
59) 2-Hexanone	10.831	43	86938	110.609	ug/l	98
60) Dibromochloromethane	10.983	129	29419	20.594	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22895	20.776	ug/l	98
64) Tetrachloroethene	10.721	164	26594	18.797	ug/l	99
65) Chlorobenzene	11.514	112	76485	19.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	29249	19.970	ug/l	99
67) Ethyl Benzene	11.593	91	130585	19.353	ug/l	100
68) m/p-Xylenes	11.703	106	103252	39.557	ug/l	99
69) o-Xylene	12.026	106	48566	20.059	ug/l	97
70) Styrene	12.044	104	82237	20.305	ug/l	99
71) Bromoform	12.209	173	19247	21.192	ug/l #	96
73) Isopropylbenzene	12.331	105	124066	19.187	ug/l	98
74) N-amyl acetate	12.142	43	37597	21.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	28435	20.994	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	21719m	20.639	ug/l	
77) Bromobenzene	12.605	156	32424	20.169	ug/l	96
78) n-propylbenzene	12.672	91	152095	19.130	ug/l	99
79) 2-Chlorotoluene	12.758	91	88458	19.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	106413	19.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10067	21.334	ug/l	100
82) 4-Chlorotoluene	12.855	91	92864	19.778	ug/l	98
83) tert-Butylbenzene	13.075	119	89848	19.350	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	106140	20.048	ug/l	99
85) sec-Butylbenzene	13.251	105	134536	19.189	ug/l	100
86) p-Isopropyltoluene	13.367	119	113444	19.655	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	63042	19.782	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63486	19.880	ug/l	99
89) n-Butylbenzene	13.696	91	102794	19.051	ug/l	99
90) Hexachloroethane	13.959	117	22948	19.085	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	57087	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4741	21.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	33824	20.379	ug/l	97
94) Hexachlorobutadiene	15.111	225	19734	19.333	ug/l	98
95) Naphthalene	15.233	128	66497	20.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30519	20.871	ug/l	99

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

