

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013150.D
 Acq On : 30 Mar 2023 14:49
 Operator : KP/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Quant Time: Mar 31 05:44:37 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	71535	50.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.716	113	65940	50.313	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.620%			
50) Toluene-d8	10.179	98	251425	50.817	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.483	95	84238	52.306	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26303	20.282	ug/l	99
3) Chloromethane	2.113	50	25915	19.162	ug/l	97
4) Vinyl Chloride	2.253	62	25518	18.820	ug/l	100
5) Bromomethane	2.644	94	18961	19.815	ug/l	94
6) Chloroethane	2.790	64	16322	19.217	ug/l	99
7) Trichlorofluoromethane	3.125	101	48939	20.280	ug/l	99
8) Diethyl Ether	3.528	74	15279	20.163	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	26036	19.569	ug/l	97
10) Methyl Iodide	4.088	142	32877	18.977	ug/l	99
11) Tert butyl alcohol	4.942	59	14523	113.340	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	25447	19.786	ug/l	98
13) Acrolein	3.729	56	18087	100.585	ug/l	97
14) Allyl chloride	4.479	41	41888	19.115	ug/l	94
15) Acrylonitrile	5.161	53	38984	103.528	ug/l	99
16) Acetone	3.942	43	39280	90.354	ug/l	98
17) Carbon Disulfide	4.192	76	84586	19.749	ug/l	100
18) Methyl Acetate	4.473	43	27732	20.245	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	67715	20.778	ug/l	98
20) Methylene Chloride	4.716	84	36431	21.180	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	29215	20.161	ug/l	93
22) Diisopropyl ether	6.119	45	88797	20.740	ug/l	97
23) Vinyl Acetate	6.058	43	253496	104.119	ug/l	97
24) 1,1-Dichloroethane	6.009	63	50723	20.004	ug/l	98
25) 2-Butanone	6.984	43	53481	98.384	ug/l	99
26) 2,2-Dichloropropane	6.978	77	46672	20.464	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31998	20.496	ug/l	99
28) Bromochloromethane	7.332	49	21720	19.963	ug/l	92
29) Tetrahydrofuran	7.344	42	34028	105.747	ug/l	99
30) Chloroform	7.502	83	52287	19.913	ug/l	96
31) Cyclohexane	7.789	56	46064	19.847	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	47107	20.291	ug/l	98
36) 1,1-Dichloropropene	7.911	75	39862	20.204	ug/l	99
37) Ethyl Acetate	7.076	43	23565	21.025	ug/l	98
38) Carbon Tetrachloride	7.899	117	43982	20.203	ug/l	98
39) Methylcyclohexane	9.179	83	46814	20.225	ug/l	99
40) Benzene	8.161	78	117082	20.546	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	10294m	20.703	ug/l	
42) 1,2-Dichloroethane	8.234	62	35952	20.592	ug/l	99
43) Isopropyl Acetate	8.271	43	42359	21.114	ug/l	99
44) Trichloroethene	8.941	130	31302	19.954	ug/l	100
45) 1,2-Dichloropropane	9.216	63	29191	20.457	ug/l	95
46) Dibromomethane	9.307	93	17030	20.775	ug/l	97
47) Bromodichloromethane	9.496	83	40301	20.375	ug/l	96
48) Methyl methacrylate	9.289	41	18857	20.182	ug/l	94
49) 1,4-Dioxane	9.289	88	4252	436.013	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	114067	105.352	ug/l	99
52) Toluene	10.240	92	72359	20.470	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	41639	20.596	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	46615	20.189	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	23288	20.552	ug/l	97
56) Ethyl methacrylate	10.508	69	29940	21.015	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39419	20.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	73006	109.594	ug/l	99
59) 2-Hexanone	10.831	43	82722	105.640	ug/l	100
60) Dibromochloromethane	10.984	129	29039	20.404	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22411	20.413	ug/l	97
64) Tetrachloroethene	10.715	164	28341	20.296	ug/l	98
65) Chlorobenzene	11.514	112	77492	20.096	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	29381	20.324	ug/l	99
67) Ethyl Benzene	11.593	91	134239	20.156	ug/l	99
68) m/p-Xylenes	11.703	106	106798	41.454	ug/l	100
69) o-Xylene	12.026	106	50463	21.117	ug/l	94
70) Styrene	12.044	104	83735	20.947	ug/l	99
71) Bromoform	12.209	173	18599	20.748	ug/l #	98
73) Isopropylbenzene	12.331	105	129963	20.240	ug/l	99
74) N-amyl acetate	12.142	43	36456	20.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27304	20.300	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	21636m	20.704	ug/l	
77) Bromobenzene	12.605	156	32802	20.547	ug/l	94
78) n-propylbenzene	12.672	91	161316	20.432	ug/l	100
79) 2-Chlorotoluene	12.758	91	91845	20.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	110515	20.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9780	20.871	ug/l	99
82) 4-Chlorotoluene	12.855	91	95644	20.513	ug/l	99
83) tert-Butylbenzene	13.075	119	95054	20.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	109574	20.842	ug/l	99
85) sec-Butylbenzene	13.251	105	143743	20.646	ug/l	100
86) p-Isopropyltoluene	13.367	119	118618	20.695	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64191	20.284	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63949	20.166	ug/l	98
89) n-Butylbenzene	13.696	91	109360	20.410	ug/l	100
90) Hexachloroethane	13.959	117	23883	20.002	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	57775	20.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4571	20.423	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	34237	20.773	ug/l	98
94) Hexachlorobutadiene	15.111	225	21112	20.828	ug/l	99
95) Naphthalene	15.233	128	62453	19.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30066	20.705	ug/l	99

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

