

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013167.D
 Acq On : 03 Apr 2023 11:46
 Operator : KP/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 03 23:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67532	47.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.716	113	63081	49.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.100%		
50) Toluene-d8	10.179	98	237988	49.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.483	95	80192	51.256	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24235	18.705	ug/l	98
3) Chloromethane	2.113	50	19766	14.630	ug/l	100
4) Vinyl Chloride	2.253	62	19949	14.727	ug/l	98
5) Bromomethane	2.644	94	15260	15.962	ug/l	96
6) Chloroethane	2.796	64	13699	16.144	ug/l	99
7) Trichlorofluoromethane	3.125	101	46600	19.329	ug/l	98
8) Diethyl Ether	3.528	74	14314	18.907	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	24439	18.386	ug/l	95
10) Methyl Iodide	4.088	142	30667	17.718	ug/l	98
11) Tert butyl alcohol	4.936	59	13254m	103.534	ug/l	
12) 1,1-Dichloroethene	3.869	96	23469	18.265	ug/l	86
13) Acrolein	3.729	56	15742	87.627	ug/l	98
14) Allyl chloride	4.479	41	36783	16.801	ug/l	93
15) Acrylonitrile	5.161	53	33946	90.234	ug/l	99
16) Acetone	3.948	43	34318	79.015	ug/l	98
17) Carbon Disulfide	4.192	76	69343	16.205	ug/l	100
18) Methyl Acetate	4.473	43	23749	17.354	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	62300	19.134	ug/l	98
20) Methylene Chloride	4.716	84	29440	15.981	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	25239	17.433	ug/l	97
22) Diisopropyl ether	6.119	45	73518	17.188	ug/l	95
23) Vinyl Acetate	6.058	43	212895	87.525	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	44206	17.450	ug/l	99
25) 2-Butanone	6.984	43	46415	85.466	ug/l	99
26) 2,2-Dichloropropane	6.978	77	41906	18.392	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	29186	18.713	ug/l	94
28) Bromochloromethane	7.332	49	17485	16.086	ug/l #	81
29) Tetrahydrofuran	7.344	42	27895	86.769	ug/l	91
30) Chloroform	7.509	83	48243	18.390	ug/l	100
31) Cyclohexane	7.783	56	38898	16.775	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	43785	18.878	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35398	18.468	ug/l	99
37) Ethyl Acetate	7.070	43	20096	18.457	ug/l	99
38) Carbon Tetrachloride	7.899	117	41766	19.749	ug/l	100
39) Methylcyclohexane	9.179	83	41774	18.577	ug/l	96
40) Benzene	8.161	78	102435	18.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10246m	21.212	ug/l	
42) 1,2-Dichloroethane	8.234	62	32508	19.166	ug/l	100
43) Isopropyl Acetate	8.271	43	35520	18.225	ug/l	95
44) Trichloroethene	8.941	130	29100	19.095	ug/l	98
45) 1,2-Dichloropropane	9.216	63	24354	17.568	ug/l	94
46) Dibromomethane	9.307	93	15596	19.584	ug/l	95
47) Bromodichloromethane	9.496	83	36675	19.087	ug/l #	97
48) Methyl methacrylate	9.295	41	16080	17.715	ug/l	91
49) 1,4-Dioxane	9.295	88	3746	395.408	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	97331	92.535	ug/l	97
52) Toluene	10.246	92	66461	19.354	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	36861	18.768	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	42253	18.837	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	21722	19.733	ug/l	93
56) Ethyl methacrylate	10.508	69	27411	19.805	ug/l	93
57) 1,3-Dichloropropane	10.788	76	35109	18.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	63384	97.944	ug/l	94
59) 2-Hexanone	10.831	43	70687	92.922	ug/l	97
60) Dibromochloromethane	10.984	129	27721	20.050	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20217	18.955	ug/l	97
64) Tetrachloroethene	10.721	164	27190	19.896	ug/l	99
65) Chlorobenzene	11.514	112	71415	18.924	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	28456	20.113	ug/l	98
67) Ethyl Benzene	11.593	91	123099	18.887	ug/l	98
68) m/p-Xylenes	11.703	106	98500	39.067	ug/l	99
69) o-Xylene	12.032	106	46030	19.682	ug/l	96
70) Styrene	12.044	104	79515	20.325	ug/l	99
71) Bromoform	12.209	173	18458	21.040	ug/l #	98
73) Isopropylbenzene	12.331	105	123738	19.220	ug/l	99
74) N-amyl acetate	12.142	43	31049	17.565	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	25977	19.263	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	19718m	18.819	ug/l	
77) Bromobenzene	12.611	156	31128	19.447	ug/l	91
78) n-propylbenzene	12.672	91	151028	19.079	ug/l	99
79) 2-Chlorotoluene	12.758	91	83914	18.681	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	105503	19.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8834	18.803	ug/l	98
82) 4-Chlorotoluene	12.855	91	89461	19.137	ug/l	99
83) tert-Butylbenzene	13.075	119	90798	19.640	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	104073	19.743	ug/l	100
85) sec-Butylbenzene	13.251	105	134702	19.296	ug/l	100
86) p-Isopropyltoluene	13.367	119	114028	19.842	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	62211	19.607	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	61491	19.340	ug/l	98
89) n-Butylbenzene	13.696	91	102523	19.084	ug/l	98
90) Hexachloroethane	13.959	117	22508	18.801	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	54052	19.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4019	17.910	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	32659	19.763	ug/l	98
94) Hexachlorobutadiene	15.111	225	21049	20.711	ug/l	99
95) Naphthalene	15.233	128	59291	19.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28979	19.904	ug/l	99

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

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