

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013442.D
 Acq On : 25 Apr 2023 13:31
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/26/2023
 Supervised By :Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 02:48:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	235099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125628	48.746	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.500%		
35) Dibromofluoromethane	7.716	113	113230	48.728	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.460%		
50) Toluene-d8	10.179	98	395692	47.868	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.740%		
62) 4-Bromofluorobenzene	12.477	95	137925	49.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47169	21.104	ug/l	96
3) Chloromethane	2.113	50	54992	18.356	ug/l	98
4) Vinyl Chloride	2.247	62	52925	17.742	ug/l	97
5) Bromomethane	2.650	94	44103	18.553	ug/l	95
6) Chloroethane	2.790	64	35743	17.345	ug/l	100
7) Trichlorofluoromethane	3.125	101	88805	19.652	ug/l	100
8) Diethyl Ether	3.528	74	32376	21.039	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	50539	19.938	ug/l	94
10) Methyl Iodide	4.088	142	61072	19.183	ug/l	98
11) Tert butyl alcohol	4.979	59	26906	93.099	ug/l	99
12) 1,1-Dichloroethene	3.869	96	48828	19.984	ug/l	99
13) Acrolein	3.729	56	28147	120.407	ug/l	97
14) Allyl chloride	4.479	41	87660	19.335	ug/l	97
15) Acrylonitrile	5.161	53	84190	97.689	ug/l	98
16) Acetone	3.954	43	86963	85.684	ug/l	94
17) Carbon Disulfide	4.192	76	160393	20.209	ug/l	100
18) Methyl Acetate	4.479	43	65045	19.404	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	139522	19.779	ug/l	99
20) Methylene Chloride	4.710	84	77192	19.313	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	53348	19.969	ug/l	96
22) Diisopropyl ether	6.119	45	176719	19.943	ug/l	94
23) Vinyl Acetate	6.058	43	475212m	94.716	ug/l	
24) 1,1-Dichloroethane	6.021	63	98347	19.913	ug/l	100
25) 2-Butanone	6.990	43	118207	91.836	ug/l	94
26) 2,2-Dichloropropane	6.978	77	82837	19.465	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	59486	20.153	ug/l	97
28) Bromochloromethane	7.332	49	36258	20.689	ug/l	88
29) Tetrahydrofuran	7.350	42	78221	97.627	ug/l	93
30) Chloroform	7.509	83	102410	20.856	ug/l	100
31) Cyclohexane	7.789	56	84116	18.229	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	90488	20.651	ug/l	97
36) 1,1-Dichloropropene	7.917	75	75315	19.529	ug/l	97
37) Ethyl Acetate	7.076	43	54538	18.792	ug/l	97
38) Carbon Tetrachloride	7.899	117	82279	20.356	ug/l	97
39) Methylcyclohexane	9.185	83	84082	18.494	ug/l	95
40) Benzene	8.161	78	221558	20.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24893	18.407	ug/l	98
42) 1,2-Dichloroethane	8.234	62	73440	20.678	ug/l	99
43) Isopropyl Acetate	8.271	43	91422	18.663	ug/l	99
44) Trichloroethene	8.941	130	58916	20.389	ug/l	99
45) 1,2-Dichloropropane	9.216	63	56622	19.935	ug/l	97
46) Dibromomethane	9.301	93	35017	20.604	ug/l	94
47) Bromodichloromethane	9.496	83	78586	20.665	ug/l	99
48) Methyl methacrylate	9.289	41	42923	19.079	ug/l	95
49) 1,4-Dioxane	9.307	88	9808	404.079	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	262861	96.297	ug/l	97
52) Toluene	10.246	92	137080	20.969	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	81004	20.127	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	90298	19.939	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	47169	20.958	ug/l	96
56) Ethyl methacrylate	10.508	69	62567	20.038	ug/l	93
57) 1,3-Dichloropropane	10.788	76	78693	20.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	129187	110.335	ug/l	96
59) 2-Hexanone	10.831	43	189852	95.679	ug/l	97
60) Dibromochloromethane	10.984	129	57823	21.159	ug/l	98
61) 1,2-Dibromoethane	11.087	107	45600	20.608	ug/l	100
64) Tetrachloroethene	10.715	164	48574	19.255	ug/l	92
65) Chlorobenzene	11.514	112	145041	20.069	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	56321	20.837	ug/l	99
67) Ethyl Benzene	11.593	91	252427	19.891	ug/l	98
68) m/p-Xylenes	11.703	106	198043	41.050	ug/l	100
69) o-Xylene	12.026	106	92619	20.299	ug/l	100
70) Styrene	12.044	104	156319	20.490	ug/l	99
71) Bromoform	12.209	173	38092	20.120	ug/l	97
73) Isopropylbenzene	12.331	105	238623	18.886	ug/l	98
74) N-amyl acetate	12.142	43	82300	18.304	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	60452	19.574	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	44157m	19.600	ug/l	
77) Bromobenzene	12.605	156	61319	20.029	ug/l	94
78) n-propylbenzene	12.672	91	298983	19.211	ug/l	98
79) 2-Chlorotoluene	12.752	91	169660	19.522	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	203542	19.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20463	18.580	ug/l	97
82) 4-Chlorotoluene	12.855	91	178654	19.723	ug/l	97
83) tert-Butylbenzene	13.075	119	171720	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	203028	20.249	ug/l	100
85) sec-Butylbenzene	13.251	105	258580	19.284	ug/l	99
86) p-Isopropyltoluene	13.367	119	215441	19.979	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	119831	20.544	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	118040	20.034	ug/l	98
89) n-Butylbenzene	13.696	91	199849	18.989	ug/l	99
90) Hexachloroethane	13.959	117	44426	19.575	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	106952	20.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10248	18.788	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64262	20.464	ug/l	100
94) Hexachlorobutadiene	15.111	225	38264	20.937	ug/l	99
95) Naphthalene	15.233	128	136604	20.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59304	21.188	ug/l	99

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

