

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013441.D
 Acq On : 25 Apr 2023 13:09
 Operator : KP/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 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 02:47:47 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	241305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	368019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132700	50.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.340%	
35) Dibromofluoromethane	7.716	113	116843	50.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.179	98	420641	51.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.477	95	143473	51.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	47819	20.845	ug/l	99
3) Chloromethane	2.113	50	53099	17.268	ug/l	100
4) Vinyl Chloride	2.253	62	53134	17.354	ug/l	100
5) Bromomethane	2.649	94	43567	17.856	ug/l	94
6) Chloroethane	2.790	64	36485	17.249	ug/l	98
7) Trichlorofluoromethane	3.125	101	92148	19.867	ug/l	99
8) Diethyl Ether	3.527	74	30921	19.577	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	52282	20.095	ug/l	96
10) Methyl Iodide	4.088	142	58538	17.914	ug/l	97
11) Tert butyl alcohol	4.984	59	28261m	95.257	ug/l	
12) 1,1-Dichloroethene	3.869	96	49652	19.799	ug/l	94
13) Acrolein	3.728	56	28324	117.868	ug/l	96
14) Allyl chloride	4.478	41	85382	18.349	ug/l	98
15) Acrylonitrile	5.167	53	89316	100.971	ug/l	100
16) Acetone	3.954	43	94403	90.622	ug/l	97
17) Carbon Disulfide	4.192	76	164017	20.134	ug/l	96
18) Methyl Acetate	4.478	43	67644	19.661	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	139190	19.225	ug/l	98
20) Methylene Chloride	4.710	84	79623	19.457	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	54663	19.935	ug/l	98
22) Diisopropyl ether	6.118	45	172458	18.961	ug/l	93
23) Vinyl Acetate	6.057	43	474151m	92.074	ug/l	
24) 1,1-Dichloroethane	6.015	63	97124	19.160	ug/l	96
25) 2-Butanone	6.990	43	124343	94.119	ug/l	98
26) 2,2-Dichloropropane	6.978	77	83672	19.156	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	60671	20.026	ug/l	99
28) Bromochloromethane	7.331	49	36692	20.398	ug/l	86
29) Tetrahydrofuran	7.350	42	80504	97.892	ug/l	94
30) Chloroform	7.502	83	102167	20.271	ug/l	96
31) Cyclohexane	7.783	56	87697	18.517	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	90133	20.041	ug/l	98
36) 1,1-Dichloropropene	7.917	75	75011	19.526	ug/l	99
37) Ethyl Acetate	7.075	43	54769	18.946	ug/l	97
38) Carbon Tetrachloride	7.898	117	84551	20.999	ug/l	95
39) Methylcyclohexane	9.185	83	86914	19.192	ug/l	94
40) Benzene	8.161	78	219201	20.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	29507	21.904	ug/l	90
42) 1,2-Dichloroethane	8.234	62	74814	21.147	ug/l	100
43) Isopropyl Acetate	8.276	43	93768	19.217	ug/l	99
44) Trichloroethene	8.941	130	59191	20.564	ug/l	98
45) 1,2-Dichloropropane	9.215	63	56523	19.977	ug/l	92
46) Dibromomethane	9.307	93	35589	21.022	ug/l	96
47) Bromodichloromethane	9.496	83	77744	20.523	ug/l	98
48) Methyl methacrylate	9.288	41	44340	19.786	ug/l	94
49) 1,4-Dioxane	9.313	88	10661	440.936	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	275295	101.246	ug/l	97
52) Toluene	10.246	92	136101	20.901	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	81357	20.293	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	89037	19.737	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	46867	20.905	ug/l	94
56) Ethyl methacrylate	10.508	69	62726	20.167	ug/l	92
57) 1,3-Dichloropropane	10.788	76	79839	21.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	133176	114.186	ug/l	96
59) 2-Hexanone	10.831	43	200501	101.440	ug/l	97
60) Dibromochloromethane	10.983	129	57464	21.110	ug/l	99
61) 1,2-Dibromoethane	11.087	107	47235	21.430	ug/l	97
64) Tetrachloroethene	10.721	164	51562	20.300	ug/l	96
65) Chlorobenzene	11.514	112	148167	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	54817	20.144	ug/l	99
67) Ethyl Benzene	11.593	91	251943	19.718	ug/l	99
68) m/p-Xylenes	11.703	106	195001	40.146	ug/l	97
69) o-Xylene	12.026	106	91937	20.013	ug/l	97
70) Styrene	12.044	104	157804	20.545	ug/l	98
71) Bromoform	12.203	173	40340	21.163	ug/l	100
73) Isopropylbenzene	12.331	105	241256	18.972	ug/l	98
74) N-amyl acetate	12.142	43	82947	18.330	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	62618	20.146	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	46566m	20.538	ug/l	
77) Bromobenzene	12.605	156	60647	19.683	ug/l	92
78) n-propylbenzene	12.672	91	307015	19.601	ug/l	97
79) 2-Chlorotoluene	12.757	91	169357	19.362	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	204351	19.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	20709	18.683	ug/l	95
82) 4-Chlorotoluene	12.855	91	178421	19.571	ug/l	100
83) tert-Butylbenzene	13.074	119	172055	19.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	201608	19.979	ug/l	99
85) sec-Butylbenzene	13.251	105	262639	19.461	ug/l	99
86) p-Isopropyltoluene	13.367	119	214845	19.797	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	120012	20.444	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	118013	19.902	ug/l	98
89) n-Butylbenzene	13.696	91	205307	19.383	ug/l	98
90) Hexachloroethane	13.958	117	45142	19.764	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	108204	20.412	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10953	19.953	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	65102	20.599	ug/l	99
94) Hexachlorobutadiene	15.111	225	38660	21.018	ug/l	100
95) Naphthalene	15.233	128	138290	20.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61037	21.668	ug/l	98

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

