

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012764.D
 Acq On : 02 Mar 2023 17:23
 Operator : KP/MD
 Sample : VY0302SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBS01

Quant Time: Mar 03 01:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56672	48.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.716	113	54324	48.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.820%		
50) Toluene-d8	10.179	98	197671	48.678	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.483	95	67858	49.509	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24998	21.389	ug/l	96
3) Chloromethane	2.113	50	27417	19.623	ug/l	98
4) Vinyl Chloride	2.253	62	25925	20.235	ug/l	99
5) Bromomethane	2.637	94	15932	20.465	ug/l	90
6) Chloroethane	2.790	64	16340	21.295	ug/l	97
7) Trichlorofluoromethane	3.125	101	43797	20.582	ug/l	97
8) Diethyl Ether	3.527	74	14851	19.915	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	26275	20.523	ug/l	99
10) Methyl Iodide	4.088	142	32248	19.332	ug/l	99
11) Tert butyl alcohol	4.948	59	15897	105.789	ug/l	98
12) 1,1-Dichloroethene	3.875	96	24789	20.302	ug/l	96
13) Acrolein	3.723	56	19726	95.638	ug/l	99
14) Allyl chloride	4.479	41	46756	20.730	ug/l	98
15) Acrylonitrile	5.161	53	40166	102.226	ug/l	99
16) Acetone	3.942	43	41445	89.690	ug/l	98
17) Carbon Disulfide	4.192	76	85792	20.642	ug/l	99
18) Methyl Acetate	4.472	43	28245	20.526	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	63725	20.205	ug/l	99
20) Methylene Chloride	4.716	84	32823	20.060	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	27985	21.090	ug/l	91
22) Diisopropyl ether	6.118	45	88242	21.540	ug/l	99
23) Vinyl Acetate	6.058	43	265173	104.177	ug/l	99
24) 1,1-Dichloroethane	6.015	63	48924	20.958	ug/l	98
25) 2-Butanone	6.984	43	54635	95.460	ug/l	96
26) 2,2-Dichloropropane	6.984	77	42207	20.357	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	29053	20.422	ug/l	98
28) Bromochloromethane	7.332	49	18454	21.632	ug/l	98
29) Tetrahydrofuran	7.344	42	34727	100.603	ug/l	97
30) Chloroform	7.502	83	47962	20.801	ug/l	99
31) Cyclohexane	7.783	56	45788	20.308	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	42971	20.607	ug/l	99
36) 1,1-Dichloropropene	7.917	75	38132	20.485	ug/l	99
37) Ethyl Acetate	7.076	43	23436	19.976	ug/l	99
38) Carbon Tetrachloride	7.899	117	39393	20.494	ug/l	97
39) Methylcyclohexane	9.185	83	44257	19.999	ug/l	97
40) Benzene	8.161	78	108518	20.609	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12089m	19.125	ug/l	
42) 1,2-Dichloroethane	8.234	62	33015	20.855	ug/l	98
43) Isopropyl Acetate	8.271	43	41063	19.618	ug/l	98
44) Trichloroethene	8.941	130	28407	20.462	ug/l	95
45) 1,2-Dichloropropane	9.215	63	27936	20.993	ug/l	99
46) Dibromomethane	9.307	93	15855	20.914	ug/l	98
47) Bromodichloromethane	9.496	83	36374	20.360	ug/l	97
48) Methyl methacrylate	9.289	41	19412	20.127	ug/l	98
49) 1,4-Dioxane	9.295	88	3570	364.268	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	114216	100.594	ug/l	99
52) Toluene	10.240	92	66301	20.879	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	37819	20.182	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43602	20.557	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	21390	20.260	ug/l	98
56) Ethyl methacrylate	10.508	69	28179	20.017	ug/l	99
57) 1,3-Dichloropropane	10.788	76	35999	20.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76751	103.855	ug/l	99
59) 2-Hexanone	10.831	43	81191	98.390	ug/l	100
60) Dibromochloromethane	10.983	129	25695	19.993	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20424	20.082	ug/l	99
64) Tetrachloroethene	10.721	164	23848	20.103	ug/l	99
65) Chlorobenzene	11.514	112	70052	20.485	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	25710	20.318	ug/l	98
67) Ethyl Benzene	11.593	91	123224	20.496	ug/l	99
68) m/p-Xylenes	11.703	106	95931	41.477	ug/l	99
69) o-Xylene	12.032	106	44370	20.555	ug/l	100
70) Styrene	12.044	104	74809	20.768	ug/l	99
71) Bromoform	12.209	173	16025	19.424	ug/l #	99
73) Isopropylbenzene	12.331	105	118675	20.532	ug/l	100
74) N-amyl acetate	12.142	43	35134	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25837	19.885	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	20360m	20.905	ug/l	
77) Bromobenzene	12.611	156	27887	19.861	ug/l	99
78) n-propylbenzene	12.672	91	148820	20.884	ug/l	99
79) 2-Chlorotoluene	12.758	91	82041	20.715	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	99344	20.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9354	19.901	ug/l	100
82) 4-Chlorotoluene	12.855	91	84699	20.660	ug/l	99
83) tert-Butylbenzene	13.075	119	83547	20.293	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	96785	20.750	ug/l	100
85) sec-Butylbenzene	13.251	105	128593	20.474	ug/l	99
86) p-Isopropyltoluene	13.367	119	106299	20.708	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	54977	20.301	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	55818	20.195	ug/l	99
89) n-Butylbenzene	13.696	91	99487	20.245	ug/l	99
90) Hexachloroethane	13.959	117	21817	20.406	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	49996	20.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4037	19.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	28596	18.972	ug/l	99
94) Hexachlorobutadiene	15.111	225	17694	19.247	ug/l	99
95) Naphthalene	15.239	128	54471	18.034	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	25626	19.116	ug/l	99

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

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