

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031023\
 Data File : VY012912.D
 Acq On : 10 Mar 2023 11:46
 Operator : KP/MD
 Sample : 01829-11MS
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-10-20230306MS

Quant Time: Mar 11 05:46:28 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 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	34344	83.740	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 167.480%#			
35) Dibromofluoromethane	7.716	113	28982	66.967	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 133.940%			
50) Toluene-d8	10.179	98	57279	36.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 72.400%			
62) 4-Bromofluorobenzene	12.483	95	12324	23.078	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 46.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23788	58.427	ug/l	98
3) Chloromethane	2.113	50	38300	78.687	ug/l	99
4) Vinyl Chloride	2.253	62	32553	72.934	ug/l	99
5) Bromomethane	2.650	94	23208	85.573	ug/l	92
6) Chloroethane	2.796	64	21844	81.719	ug/l	96
7) Trichlorofluoromethane	3.125	101	39498	53.281	ug/l	99
8) Diethyl Ether	3.527	74	27441	105.632	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	18200	40.807	ug/l	99
10) Methyl Iodide	4.094	142	45726	78.685	ug/l	97
11) Tert butyl alcohol	4.948	59	28064	625.270	ug/l	99
12) 1,1-Dichloroethene	3.875	96	25020	58.820	ug/l	98
13) Acrolein	3.735	56	6672	92.855	ug/l	99
14) Allyl chloride	4.479	41	54358	69.181	ug/l	96
15) Acrylonitrile	5.161	53	80944	591.358	ug/l	99
16) Acetone	3.948	43	80235	498.425	ug/l	96
17) Carbon Disulfide	4.198	76	73756	50.941	ug/l	100
18) Methyl Acetate	4.472	43	150991	314.968	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	121196	110.307	ug/l	99
20) Methylene Chloride	4.722	84	46070	99.057	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	30852	66.743	ug/l	97
22) Diisopropyl ether	6.119	45	124736	87.403	ug/l	96
23) Vinyl Acetate	6.119	43	100401m	113.225	ug/l	
24) 1,1-Dichloroethane	6.015	63	60516	74.415	ug/l	98
25) 2-Butanone	6.984	43	85184	427.237	ug/l	98
26) 2,2-Dichloropropane	6.984	77	43695	60.496	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	37208	75.078	ug/l	95
28) Bromochloromethane	7.332	49	25524	85.885	ug/l	97
29) Tetrahydrofuran	7.344	42	72300	601.235	ug/l	96
30) Chloroform	7.508	83	60465	75.274	ug/l	99
31) Cyclohexane	7.783	56	20035	25.507	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	37773	51.999	ug/l	98
36) 1,1-Dichloropropene	7.917	75	26631	36.720	ug/l	99
37) Ethyl Acetate	7.076	43	14264	31.205	ug/l	99
38) Carbon Tetrachloride	7.899	117	27792	37.109	ug/l	98
39) Methylcyclohexane	9.179	83	14801	17.166	ug/l	92
40) Benzene	8.161	78	112472	54.824	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19239m	78.119	ug/l	
42) 1,2-Dichloroethane	8.240	62	48962	79.383	ug/l	99
43) Isopropyl Acetate	8.277	43	21213	26.011	ug/l #	64
44) Trichloroethene	8.941	130	22370	41.358	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30804	59.413	ug/l	98
46) Dibromomethane	9.301	93	22086	74.772	ug/l	95
47) Bromodichloromethane	9.496	83	43493	62.484	ug/l	99
48) Methyl methacrylate	9.295	41	40262	107.142	ug/l	98
49) 1,4-Dioxane	9.295	88	8230	2155.315	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	156167	353.015	ug/l	100
52) Toluene	10.246	92	47108	38.075	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	44044	60.326	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	49225	59.567	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	27708	67.358	ug/l	95
56) Ethyl methacrylate	10.508	69	18601	33.913	ug/l	98
57) 1,3-Dichloropropane	10.788	76	46628	66.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	123502	428.919	ug/l	99
59) 2-Hexanone	10.831	43	89951	279.773	ug/l	100
60) Dibromochloromethane	10.983	129	27803	55.525	ug/l	100
61) 1,2-Dibromoethane	11.087	107	25772	65.039	ug/l	98
64) Tetrachloroethene	10.721	164	9696	33.318	ug/l	93
65) Chlorobenzene	11.520	112	41153	49.058	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	19768	63.684	ug/l	98
67) Ethyl Benzene	11.593	91	51813	35.131	ug/l	99
68) m/p-Xylenes	11.703	106	38315	67.530	ug/l	98
69) o-Xylene	12.032	106	18564	35.058	ug/l	100
70) Styrene	12.044	104	35361	40.016	ug/l	99
71) Bromoform	12.209	173	15562	76.892	ug/l #	99
73) Isopropylbenzene	12.331	105	31505	47.121	ug/l	100
74) N-amyl acetate	12.142	43	4815	22.889	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25577	170.178	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21798m	193.490	ug/l	
77) Bromobenzene	12.611	156	13248	81.565	ug/l	80
78) n-propylbenzene	12.672	91	32780	39.767	ug/l	99
79) 2-Chlorotoluene	12.758	91	23826	52.007	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	20766	37.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10229	188.136	ug/l	99
82) 4-Chlorotoluene	12.855	91	24756	52.201	ug/l	99
83) tert-Butylbenzene	13.075	119	16580	34.814	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	20119	37.289	ug/l	100
85) sec-Butylbenzene	13.251	105	18798	25.873	ug/l	100
86) p-Isopropyltoluene	13.367	119	14275	24.040	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13739	43.858	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14671	45.888	ug/l	98
89) n-Butylbenzene	13.696	91	10639	18.716	ug/l	97
90) Hexachloroethane	13.965	117	3542	28.640	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	13920	49.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3469	142.817	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	3393	19.460	ug/l	96
94) Hexachlorobutadiene	15.111	225	1211	11.388	ug/l	96
95) Naphthalene	15.239	128	11893	34.039	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3024	19.501	ug/l	95

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

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