

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012038.D
 Acq On : 03 Jan 2023 11:50
 Operator : KP/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Quant Time: Jan 04 01:15:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87349	50.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.860%
35) Dibromofluoromethane	7.716	113	75533	48.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.179	98	299748	47.778	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.477	95	107600	50.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34184	26.165	ug/l	95
3) Chloromethane	2.113	50	30709	20.068	ug/l	96
4) Vinyl Chloride	2.253	62	35780	21.203	ug/l	98
5) Bromomethane	2.643	94	27569	22.963	ug/l	94
6) Chloroethane	2.790	64	24436	22.153	ug/l	99
7) Trichlorofluoromethane	3.125	101	70137	23.742	ug/l	100
8) Diethyl Ether	3.527	74	19263	21.134	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	35079	21.571	ug/l	96
10) Methyl Iodide	4.088	142	43474	19.322	ug/l	92
11) Tert butyl alcohol	4.954	59	18562	86.076	ug/l	99
12) 1,1-Dichloroethene	3.875	96	34616	21.280	ug/l	97
13) Acrolein	3.735	56	16653	102.846	ug/l	99
14) Allyl chloride	4.472	41	43484m	18.153	ug/l	
15) Acrylonitrile	5.161	53	43772	103.236	ug/l	98
16) Acetone	3.942	43	41530	83.614	ug/l	99
17) Carbon Disulfide	4.192	76	108851	20.978	ug/l	99
18) Methyl Acetate	4.472	43	23138	19.331	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	91364	21.890	ug/l	95
20) Methylene Chloride	4.710	84	41459	16.800	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	38817	21.001	ug/l	94
22) Diisopropyl ether	6.118	45	91921	19.483	ug/l #	91
23) Vinyl Acetate	6.057	43	273808	100.873	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	61689	20.116	ug/l	99
25) 2-Butanone	6.984	43	53623	92.934	ug/l	89
26) 2,2-Dichloropropane	6.978	77	63554	21.179	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42148	21.084	ug/l	94
28) Bromochloromethane	7.332	49	15406	18.307	ug/l #	80
29) Tetrahydrofuran	7.350	42	32258	98.674	ug/l	88
30) Chloroform	7.502	83	69983	21.172	ug/l	97
31) Cyclohexane	7.783	56	57711	19.791	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	69796	22.200	ug/l	99
36) 1,1-Dichloropropene	7.911	75	53721	21.659	ug/l	98
37) Ethyl Acetate	7.069	43	24439	21.962	ug/l #	94
38) Carbon Tetrachloride	7.899	117	67125	23.433	ug/l	97
39) Methylcyclohexane	9.185	83	65199	21.846	ug/l	96
40) Benzene	8.161	78	149621	21.079	ug/l	97

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41) Methacrylonitrile	7.313	41	10205m	18.964	ug/l	
42) 1,2-Dichloroethane	8.234	62	47633	23.311	ug/l	98
43) Isopropyl Acetate	8.270	43	42856	21.087	ug/l	95
44) Trichloroethene	8.941	130	43586	21.785	ug/l	96
45) 1,2-Dichloropropane	9.215	63	32398	19.754	ug/l	100
46) Dibromomethane	9.307	93	20966	22.194	ug/l	98
47) Bromodichloromethane	9.496	83	52107	21.741	ug/l	99
48) Methyl methacrylate	9.289	41	19794	21.035	ug/l	95
49) 1,4-Dioxane	9.295	88	5335	473.004	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	112637	103.937	ug/l	96
52) Toluene	10.240	92	101244	22.387	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	55059	22.735	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	58113	21.348	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	29032	21.656	ug/l	98
56) Ethyl methacrylate	10.508	69	37490	22.088	ug/l	97
57) 1,3-Dichloropropane	10.788	76	49332	22.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	71202	108.713	ug/l	91
59) 2-Hexanone	10.831	43	80331	100.760	ug/l	96
60) Dibromochloromethane	10.983	129	38791	22.970	ug/l	99
61) 1,2-Dibromoethane	11.087	107	28175	22.464	ug/l	100
64) Tetrachloroethene	10.721	164	47860	22.951	ug/l	92
65) Chlorobenzene	11.514	112	105277	21.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39954	21.708	ug/l	96
67) Ethyl Benzene	11.593	91	190656	21.322	ug/l	99
68) m/p-Xylenes	11.703	106	153177	44.048	ug/l	98
69) o-Xylene	12.032	106	70800	21.881	ug/l	99
70) Styrene	12.044	104	121557	22.374	ug/l	99
71) Bromoform	12.203	173	25604	23.477	ug/l #	98
73) Isopropylbenzene	12.331	105	195074	20.579	ug/l	99
74) N-amyl acetate	12.142	43	36742	18.906	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	30370	19.205	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	25421m	15.993	ug/l	
77) Bromobenzene	12.611	156	45487	20.742	ug/l	94
78) n-propylbenzene	12.672	91	230614	20.239	ug/l	98
79) 2-Chlorotoluene	12.757	91	128962	20.135	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	170671	21.029	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11950	20.588	ug/l	98
82) 4-Chlorotoluene	12.855	91	135462	20.441	ug/l	97
83) tert-Butylbenzene	13.074	119	144635	21.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	167707	21.005	ug/l	99
85) sec-Butylbenzene	13.251	105	211021	20.546	ug/l	98
86) p-Isopropyltoluene	13.367	119	183572	21.182	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93179	21.127	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91157	20.790	ug/l	99
89) n-Butylbenzene	13.696	91	160782	20.494	ug/l	98
90) Hexachloroethane	13.958	117	34015	20.570	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	80956	21.055	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6519	23.987	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	51892	22.942	ug/l	96
94) Hexachlorobutadiene	15.111	225	31780	21.745	ug/l	99
95) Naphthalene	15.233	128	97030	22.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	43573	22.785	ug/l	97

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

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