

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011745.D
 Acq On : 09 Dec 2022 16:06
 Operator : KP/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Quant Time: Dec 10 03:36:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	263252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	408146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	363791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84833	46.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.860%		
35) Dibromofluoromethane	7.722	113	88824	48.897	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.800%		
50) Toluene-d8	10.179	98	280505	46.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.500%		
62) 4-Bromofluorobenzene	12.483	95	116224	49.027	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34167	26.004	ug/l	98
3) Chloromethane	2.119	50	34379	22.083	ug/l	99
4) Vinyl Chloride	2.253	62	39460	21.265	ug/l	98
5) Bromomethane	2.649	94	28200	22.674	ug/l	93
6) Chloroethane	2.796	64	26078	19.977	ug/l	97
7) Trichlorofluoromethane	3.131	101	73315	20.259	ug/l	100
8) Diethyl Ether	3.533	74	24706	19.491	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	44139	20.432	ug/l	99
10) Methyl Iodide	4.088	142	46247	18.284	ug/l	99
11) Tert butyl alcohol	4.948	59	30885	127.472	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	38825	19.928	ug/l	95
13) Acrolein	3.728	56	36547	98.481	ug/l	99
14) Allyl chloride	4.484	41	65200	20.147	ug/l	100
15) Acrylonitrile	5.161	53	65837	96.769	ug/l	99
16) Acetone	3.948	43	66177	92.063	ug/l	98
17) Carbon Disulfide	4.198	76	92024	20.683	ug/l	98
18) Methyl Acetate	4.478	43	39113	21.860	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	118222	19.380	ug/l	99
20) Methylene Chloride	4.716	84	61060	20.382	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	42794	19.543	ug/l	95
22) Diisopropyl ether	6.118	45	142758	20.219	ug/l	97
23) Vinyl Acetate	6.063	43	407068	101.057	ug/l	100
24) 1,1-Dichloroethane	6.015	63	84812	19.767	ug/l	98
25) 2-Butanone	6.984	43	90184	97.536	ug/l	99
26) 2,2-Dichloropropane	6.984	77	78660	19.486	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	53055	19.824	ug/l	99
28) Bromochloromethane	7.331	49	30670	19.635	ug/l	97
29) Tetrahydrofuran	7.344	42	52794	100.317	ug/l	96
30) Chloroform	7.508	83	89128	19.431	ug/l	100
31) Cyclohexane	7.789	56	69159	20.765	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	81967	20.037	ug/l	99
36) 1,1-Dichloropropene	7.917	75	62535	20.191	ug/l	100
37) Ethyl Acetate	7.075	43	35939	19.848	ug/l	98
38) Carbon Tetrachloride	7.898	117	72953	20.052	ug/l	98
39) Methylcyclohexane	9.185	83	71108	20.404	ug/l	99
40) Benzene	8.161	78	185041	19.999	ug/l	100

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41) Methacrylonitrile	7.313	41	18002m	19.694	ug/l	
42) 1,2-Dichloroethane	8.240	62	56647	19.798	ug/l	100
43) Isopropyl Acetate	8.270	43	64451	19.630	ug/l	99
44) Trichloroethene	8.941	130	51423	19.844	ug/l	95
45) 1,2-Dichloropropane	9.215	63	46684	19.494	ug/l	97
46) Dibromomethane	9.307	93	26695	19.914	ug/l	97
47) Bromodichloromethane	9.496	83	68228	19.701	ug/l	98
48) Methyl methacrylate	9.295	41	28570	19.740	ug/l	99
49) 1,4-Dioxane	9.301	88	6983	376.020	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	177046	97.860	ug/l	98
52) Toluene	10.246	92	118183	20.092	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	68826	19.896	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	75920	19.534	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	38585	19.474	ug/l	97
56) Ethyl methacrylate	10.508	69	49580	19.385	ug/l	99
57) 1,3-Dichloropropane	10.788	76	65509	19.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	56756	47.855	ug/l	100
59) 2-Hexanone	10.831	43	127675	98.771	ug/l	99
60) Dibromochloromethane	10.983	129	48191	19.420	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35391	19.717	ug/l	99
64) Tetrachloroethene	10.721	164	50545	19.638	ug/l	98
65) Chlorobenzene	11.520	112	129531	19.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	49743	19.561	ug/l	98
67) Ethyl Benzene	11.593	91	229576	19.877	ug/l	99
68) m/p-Xylenes	11.703	106	179194	40.513	ug/l	98
69) o-Xylene	12.032	106	84453	20.031	ug/l	98
70) Styrene	12.044	104	143024	19.876	ug/l	99
71) Bromoform	12.209	173	30566	19.487	ug/l #	100
73) Isopropylbenzene	12.331	105	231038	20.021	ug/l	99
74) N-amyl acetate	12.148	43	54851	19.769	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	44717	19.897	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	36654m	20.341	ug/l	
77) Bromobenzene	12.611	156	52452	19.467	ug/l	97
78) n-propylbenzene	12.672	91	279012	20.176	ug/l	99
79) 2-Chlorotoluene	12.757	91	157253	19.924	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	195191	20.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	15721	19.797	ug/l	99
82) 4-Chlorotoluene	12.855	91	162825	19.890	ug/l	100
83) tert-Butylbenzene	13.074	119	168246	19.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	193525	20.151	ug/l	98
85) sec-Butylbenzene	13.257	105	255478	20.198	ug/l	99
86) p-Isopropyltoluene	13.373	119	212521	20.187	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	106911	19.717	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	106397	19.743	ug/l	99
89) n-Butylbenzene	13.696	91	191705	20.032	ug/l	100
90) Hexachloroethane	13.958	117	40658	19.436	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	95744	19.622	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7526	19.208	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	56903	19.995	ug/l	98
94) Hexachlorobutadiene	15.111	225	36857	20.384	ug/l	97
95) Naphthalene	15.239	128	106148	19.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	48203	19.609	ug/l	99

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

