

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016609.D
 Acq On : 06 Dec 2023 12:15
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Quant Time: Dec 07 00:30:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/07/2023
 Supervised By :Semsettin Yesilyurt 12/07/2023

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	197437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	282629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	242556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	121386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77694	42.576	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.160%		
35) Dibromofluoromethane	7.740	113	77938	45.823	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.640%		
50) Toluene-d8	10.197	98	305114	47.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.496	95	101809	48.120	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	38635	22.153	ug/l	99
3) Chloromethane	2.125	50	28220	15.598	ug/l	99
4) Vinyl Chloride	2.266	62	30105	16.477	ug/l	97
5) Bromomethane	2.668	94	19364	16.920	ug/l	92
6) Chloroethane	2.814	64	18815	16.672	ug/l	97
7) Trichlorofluoromethane	3.144	101	74690	21.624	ug/l	93
8) Diethyl Ether	3.546	74	16994	17.666	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.924	101	38442	19.902	ug/l	95
10) Methyl Iodide	4.113	142	41800	20.482	ug/l	98
11) Tert butyl alcohol	4.972	59	10005	80.468	ug/l #	98
12) 1,1-Dichloroethene	3.893	96	35471	20.216	ug/l	82
13) Acrolein	3.753	56	14268	78.934	ug/l	99
14) Allyl chloride	4.509	41	45773	17.094	ug/l #	88
15) Acrylonitrile	5.192	53	28450	73.275	ug/l	97
16) Acetone	3.967	43	36533	88.470	ug/l #	87
17) Carbon Disulfide	4.223	76	90637	18.425	ug/l	99
18) Methyl Acetate	4.497	43	21869	13.360	ug/l #	88
19) Methyl tert-butyl Ether	5.253	73	77309	17.924	ug/l	93
20) Methylene Chloride	4.747	84	37465	18.454	ug/l #	85
21) trans-1,2-Dichloroethene	5.253	96	39238	19.886	ug/l	88
22) Diisopropyl ether	6.143	45	92924	16.873	ug/l #	92
23) Vinyl Acetate	6.088	43	214636	81.186	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	62310	18.417	ug/l	97
25) 2-Butanone	7.009	43	45834	80.718	ug/l	95
26) 2,2-Dichloropropane	7.003	77	67888	21.344	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	42416	19.529	ug/l	92
28) Bromochloromethane	7.356	49	23115	16.867	ug/l #	66
29) Tetrahydrofuran	7.374	42	21649	66.872	ug/l #	84
30) Chloroform	7.533	83	71743	19.893	ug/l	97
31) Cyclohexane	7.813	56	55303	17.752	ug/l #	84
32) 1,1,1-Trichloroethane	7.728	97	72020	21.101	ug/l	97
36) 1,1-Dichloropropene	7.941	75	54565	21.104	ug/l	97
37) Ethyl Acetate	7.100	43	16337	15.101	ug/l #	93
38) Carbon Tetrachloride	7.923	117	70434	23.532	ug/l	98
39) Methylcyclohexane	9.203	83	65918	21.161	ug/l	90
40) Benzene	8.179	78	148760	20.413	ug/l	100

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41) Methacrylonitrile	7.356	41	11509m	18.419	ug/l	
42) 1,2-Dichloroethane	8.258	62	43009	20.325	ug/l	96
43) Isopropyl Acetate	8.289	43	33586	16.093	ug/l #	88
44) Trichloroethene	8.960	130	48511	22.073	ug/l	91
45) 1,2-Dichloropropane	9.234	63	32868	18.733	ug/l	98
46) Dibromomethane	9.325	93	18091	18.809	ug/l	93
47) Bromodichloromethane	9.514	83	52289	20.420	ug/l	100
48) Methyl methacrylate	9.307	41	17477	14.500	ug/l #	84
49) 1,4-Dioxane	9.319	88	3431	352.421	ug/l #	73
51) 4-Methyl-2-Pentanone	10.087	43	83294	76.796	ug/l	93
52) Toluene	10.258	92	97334	21.310	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	46667	19.311	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	54951	19.361	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	25522	19.049	ug/l	93
56) Ethyl methacrylate	10.526	69	21592	17.581	ug/l	88
57) 1,3-Dichloropropane	10.807	76	42412	18.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	65145	86.074	ug/l #	85
59) 2-Hexanone	10.849	43	69484	84.685	ug/l	90
60) Dibromochloromethane	11.002	129	36608	20.449	ug/l	99
61) 1,2-Dibromoethane	11.106	107	23929	18.988	ug/l	99
64) Tetrachloroethene	10.734	164	50959	22.924	ug/l	95
65) Chlorobenzene	11.532	112	104624	21.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	42929	22.357	ug/l	97
67) Ethyl Benzene	11.612	91	192845	21.887	ug/l	96
68) m/p-Xylenes	11.721	106	148781	44.482	ug/l	95
69) o-Xylene	12.044	106	69919	22.393	ug/l	96
70) Styrene	12.063	104	99520	22.214	ug/l	99
71) Bromoform	12.227	173	21307	20.550	ug/l #	99
73) Isopropylbenzene	12.343	105	198977	22.137	ug/l	99
74) N-amyl acetate	12.160	43	27198	15.175	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.599	83	23975	16.770	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	21320m	19.443	ug/l	
77) Bromobenzene	12.624	156	46351	21.881	ug/l	83
78) n-propylbenzene	12.685	91	222812	21.298	ug/l	97
79) 2-Chlorotoluene	12.770	91	123128	20.886	ug/l	96
80) 1,3,5-Trimethylbenzene	12.831	105	162971	22.314	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8216	16.902	ug/l	95
82) 4-Chlorotoluene	12.873	91	127792	20.949	ug/l	96
83) tert-Butylbenzene	13.093	119	148139	22.702	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	155081	21.739	ug/l	96
85) sec-Butylbenzene	13.270	105	205251	22.395	ug/l	97
86) p-Isopropyltoluene	13.386	119	181938	22.869	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	87535	21.647	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	85616	21.573	ug/l	99
89) n-Butylbenzene	13.709	91	156132	21.822	ug/l	96
90) Hexachloroethane	13.977	117	33240	21.234	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	75153	21.647	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4030	17.615	ug/l	86
93) 1,2,4-Trichlorobenzene	15.026	180	42948	21.922	ug/l	100
94) Hexachlorobutadiene	15.129	225	30541	24.674	ug/l	97
95) Naphthalene	15.251	128	62048	21.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	33932	23.561	ug/l	98

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

