

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012519.D
 Acq On : 07 Feb 2023 15:20
 Operator : KP/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Quant Time: Feb 08 01:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92588	49.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.716	113	80447	50.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.280%		
50) Toluene-d8	10.179	98	331009	49.566	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.140%		
62) 4-Bromofluorobenzene	12.483	95	111210	47.743	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26698	23.745	ug/l	100
3) Chloromethane	2.113	50	25628	22.285	ug/l	97
4) Vinyl Chloride	2.253	62	30449	21.252	ug/l	99
5) Bromomethane	2.644	94	25257	22.565	ug/l	99
6) Chloroethane	2.790	64	21011	21.068	ug/l	99
7) Trichlorofluoromethane	3.125	101	62112	21.091	ug/l	100
8) Diethyl Ether	3.528	74	18236	20.883	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	30735	20.667	ug/l	99
10) Methyl Iodide	4.095	142	38548	19.995	ug/l	99
11) Tert butyl alcohol	4.936	59	22406	118.886	ug/l #	75
12) 1,1-Dichloroethene	3.869	96	30342	20.649	ug/l	98
13) Acrolein	3.729	56	22740	103.058	ug/l	96
14) Allyl chloride	4.479	41	37349	20.847	ug/l	98
15) Acrylonitrile	5.161	53	40342	100.135	ug/l	98
16) Acetone	3.942	43	42441	93.948	ug/l	99
17) Carbon Disulfide	4.198	76	82361	21.610	ug/l	99
18) Methyl Acetate	4.479	43	21725	20.008	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	88364	20.551	ug/l	97
20) Methylene Chloride	4.716	84	41551	22.283	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	33713	21.037	ug/l	95
22) Diisopropyl ether	6.119	45	77739	21.340	ug/l	95
23) Vinyl Acetate	6.058	43	233173	106.174	ug/l	98
24) 1,1-Dichloroethane	6.015	63	54263	20.836	ug/l	98
25) 2-Butanone	6.984	43	50006	99.768	ug/l	100
26) 2,2-Dichloropropane	6.978	77	57934	20.247	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	39039	20.992	ug/l	99
28) Bromochloromethane	7.332	49	19497	20.596	ug/l	97
29) Tetrahydrofuran	7.350	42	27975	103.241	ug/l	99
30) Chloroform	7.509	83	62787	19.997	ug/l	95
31) Cyclohexane	7.783	56	45691	21.055	ug/l #	94
32) 1,1,1-Trichloroethane	7.704	97	62799	20.611	ug/l	99
36) 1,1-Dichloropropene	7.917	75	44437	20.464	ug/l	99
37) Ethyl Acetate	7.076	43	20601	21.025	ug/l	98
38) Carbon Tetrachloride	7.905	117	59876	20.542	ug/l	97
39) Methylcyclohexane	9.185	83	54950	21.030	ug/l	97
40) Benzene	8.161	78	132870	20.717	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	10274m	19.139	ug/l	
42) 1,2-Dichloroethane	8.234	62	42668	20.526	ug/l	99
43) Isopropyl Acetate	8.271	43	36963	20.346	ug/l	99
44) Trichloroethene	8.941	130	39929	20.452	ug/l	98
45) 1,2-Dichloropropane	9.216	63	28515	20.504	ug/l	96
46) Dibromomethane	9.301	93	18804	20.421	ug/l	98
47) Bromodichloromethane	9.496	83	48261	20.213	ug/l	96
48) Methyl methacrylate	9.295	41	16445	19.804	ug/l	99
49) 1,4-Dioxane	9.295	88	5185	407.892	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	99537	101.552	ug/l	99
52) Toluene	10.246	92	88431	20.332	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	48493	20.156	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	53466	20.536	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	27535	20.464	ug/l	98
56) Ethyl methacrylate	10.508	69	34456	20.383	ug/l	99
57) 1,3-Dichloropropane	10.789	76	44515	20.499	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	81143	106.792	ug/l	99
59) 2-Hexanone	10.831	43	72761	98.230	ug/l	100
60) Dibromochloromethane	10.984	129	36759	20.495	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25924	20.563	ug/l	99
64) Tetrachloroethene	10.721	164	44397	21.125	ug/l	99
65) Chlorobenzene	11.514	112	97448	20.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	37689	20.144	ug/l	99
67) Ethyl Benzene	11.593	91	172511	20.581	ug/l	99
68) m/p-Xylenes	11.703	106	138137	41.286	ug/l	99
69) o-Xylene	12.032	106	65337	20.505	ug/l	99
70) Styrene	12.044	104	110635	20.473	ug/l	100
71) Bromoform	12.209	173	23445	19.824	ug/l #	97
73) Isopropylbenzene	12.331	105	176569	20.483	ug/l	99
74) N-amyl acetate	12.142	43	31939	20.467	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	28683	20.578	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	24948m	20.958	ug/l	
77) Bromobenzene	12.605	156	43666	20.899	ug/l	96
78) n-propylbenzene	12.672	91	205349	20.696	ug/l	100
79) 2-Chlorotoluene	12.758	91	116980	20.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	153720	20.715	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	10639	20.154	ug/l	97
82) 4-Chlorotoluene	12.855	91	122424	20.720	ug/l	100
83) tert-Butylbenzene	13.075	119	132434	20.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	152814	20.928	ug/l	99
85) sec-Butylbenzene	13.251	105	193278	20.761	ug/l	99
86) p-Isopropyltoluene	13.367	119	168884	20.911	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	85177	20.489	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	83532	20.059	ug/l	97
89) n-Butylbenzene	13.697	91	144305	20.906	ug/l	99
90) Hexachloroethane	13.959	117	30068	20.283	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	76263	20.392	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5389	19.428	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	47584	20.535	ug/l	99
94) Hexachlorobutadiene	15.111	225	30347	21.081	ug/l	99
95) Naphthalene	15.239	128	90763	20.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41626	20.753	ug/l	99

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

