

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011407.D
 Acq On : 11 Nov 2022 10:53
 Operator : KP/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 11 13:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	267303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	381171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107655	48.062	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.120%		
35) Dibromofluoromethane	7.709	113	115190	49.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.179	98	418297	46.783	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.477	95	155558	49.881	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47324	27.510	ug/l	99
3) Chloromethane	2.113	50	46348	21.574	ug/l	98
4) Vinyl Chloride	2.247	62	55053	21.739	ug/l	99
5) Bromomethane	2.637	94	40319	21.986	ug/l	99
6) Chloroethane	2.790	64	35871	21.332	ug/l	99
7) Trichlorofluoromethane	3.119	101	88153	22.062	ug/l	92
8) Diethyl Ether	3.527	74	29401	20.954	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	52106	21.510	ug/l	95
10) Methyl Iodide	4.088	142	59386	18.381	ug/l	92
11) Tert butyl alcohol	4.942	59	41849	138.437	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	49474	20.627	ug/l #	79
13) Acrolein	3.728	56	11728	164.219	ug/l	97
14) Allyl chloride	4.472	41	65489	20.233	ug/l #	82
15) Acrylonitrile	5.155	53	72196	107.686	ug/l	97
16) Acetone	3.942	43	66024	111.702	ug/l #	78
17) Carbon Disulfide	4.186	76	143709	20.116	ug/l	100
18) Methyl Acetate	4.472	43	38357	22.785	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	130809	20.853	ug/l	96
20) Methylene Chloride	4.710	84	101426	28.319	ug/l #	76
21) trans-1,2-Dichloroethene	5.210	96	56251	20.570	ug/l	86
22) Diisopropyl ether	6.112	45	145582	21.075	ug/l #	91
23) Vinyl Acetate	6.057	43	428610	106.058	ug/l #	87
24) 1,1-Dichloroethane	6.009	63	95403	21.208	ug/l	97
25) 2-Butanone	6.978	43	94806	112.605	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	89361	21.241	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	63509	20.635	ug/l	85
28) Bromochloromethane	7.331	49	33903	20.753	ug/l #	73
29) Tetrahydrofuran	7.344	42	56536	110.854	ug/l #	76
30) Chloroform	7.502	83	102534	21.551	ug/l	99
31) Cyclohexane	7.783	56	80494	19.999	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	91631	21.295	ug/l	94
36) 1,1-Dichloropropene	7.911	75	75733	20.849	ug/l	96
37) Ethyl Acetate	7.069	43	38709	22.184	ug/l #	89
38) Carbon Tetrachloride	7.898	117	85126	21.544	ug/l	98
39) Methylcyclohexane	9.179	83	92156	20.763	ug/l	89
40) Benzene	8.155	78	230069	21.209	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20837m	23.061	ug/l	
42) 1,2-Dichloroethane	8.234	62	61511	21.638	ug/l	89
43) Isopropyl Acetate	8.270	43	67152	21.333	ug/l #	85
44) Trichloroethene	8.935	130	63927	20.979	ug/l	98
45) 1,2-Dichloropropane	9.215	63	54363	21.057	ug/l	93
46) Dibromomethane	9.301	93	32461	21.596	ug/l	95
47) Bromodichloromethane	9.496	83	77608	21.550	ug/l	99
48) Methyl methacrylate	9.288	41	29622	20.940	ug/l #	72
49) 1,4-Dioxane	9.295	88	9256	451.054	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	190423	112.493	ug/l #	83
52) Toluene	10.240	92	146777	21.189	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	78628	21.174	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	90392	21.091	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	47653	21.892	ug/l	97
56) Ethyl methacrylate	10.508	69	60229	21.517	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	79198	21.810	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	143230	110.698	ug/l	92
59) 2-Hexanone	10.831	43	135941	113.361	ug/l	80
60) Dibromochloromethane	10.983	129	59453	22.127	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45778	21.873	ug/l	99
64) Tetrachloroethene	10.715	164	64709	21.238	ug/l	96
65) Chlorobenzene	11.514	112	159022	20.844	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	60193	21.088	ug/l	97
67) Ethyl Benzene	11.587	91	274844	20.617	ug/l	99
68) m/p-Xylenes	11.697	106	218320	41.773	ug/l	93
69) o-Xylene	12.026	106	101387	20.568	ug/l	93
70) Styrene	12.044	104	174931	21.111	ug/l	95
71) Bromoform	12.203	173	38549	21.789	ug/l #	100
73) Isopropylbenzene	12.325	105	269606	19.825	ug/l	99
74) N-amyl acetate	12.142	43	60025	20.980	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	55969	21.421	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	40789m	17.909	ug/l	
77) Bromobenzene	12.605	156	65941	20.277	ug/l	93
78) n-propylbenzene	12.672	91	332354	20.482	ug/l	98
79) 2-Chlorotoluene	12.751	91	187147	20.167	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	234781	20.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19780	20.876	ug/l #	81
82) 4-Chlorotoluene	12.849	91	195919	20.337	ug/l	98
83) tert-Butylbenzene	13.074	119	201115	20.280	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	234250	20.806	ug/l	99
85) sec-Butylbenzene	13.251	105	297830	20.403	ug/l	100
86) p-Isopropyltoluene	13.367	119	251714	20.571	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	134182	20.670	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	133963	20.867	ug/l	98
89) n-Butylbenzene	13.696	91	226437	20.595	ug/l	98
90) Hexachloroethane	13.958	117	48741	20.359	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	120889	20.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9649	22.665	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	72639	21.397	ug/l	99
94) Hexachlorobutadiene	15.111	225	43394	21.636	ug/l	99
95) Naphthalene	15.233	128	140571	20.922	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	63797	21.762	ug/l	98

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

