

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010570.D
 Acq On : 20 Sep 2022 12:50
 Operator : KP/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Sep 20 18:09:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						09/21/2022
1) Pentafluorobenzene	7.783	168	244202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177734	50.000	ug/l	0.00
System Monitoring Compounds						09/21/2022
33) 1,2-Dichloroethane-d4	8.136	65	127668	54.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.320%
35) Dibromofluoromethane	7.710	113	119523	47.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.320%
50) Toluene-d8	10.179	98	482402	51.916	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.483	95	159392	46.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	30520	24.059	ug/l	98
3) Chloromethane	2.113	50	46995	26.087	ug/l	96
4) Vinyl Chloride	2.247	62	56885	24.476	ug/l	97
5) Bromomethane	2.637	94	40337	25.139	ug/l	100
6) Chloroethane	2.784	64	39458	22.937	ug/l	98
7) Trichlorofluoromethane	3.119	101	70675	22.026	ug/l	97
8) Diethyl Ether	3.521	74	23270	21.151	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.887	101	42246	21.876	ug/l	95
10) Methyl Iodide	4.082	142	45337	20.322	ug/l	91
11) Tert butyl alcohol	4.948	59	32880	152.979	ug/l	98
12) 1,1-Dichloroethene	3.863	96	38023	22.050	ug/l	86
13) Acrolein	3.723	56	11743	108.076	ug/l	99
14) Allyl chloride	4.473	41	56448	21.713	ug/l #	94
15) Acrylonitrile	5.149	53	62022	108.615	ug/l	97
16) Acetone	3.936	43	54075	113.527	ug/l #	88
17) Carbon Disulfide	4.186	76	97237	26.769	ug/l	99
18) Methyl Acetate	4.473	43	34919	24.878	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	109886	20.439	ug/l	93
20) Methylene Chloride	4.704	84	63435	17.244	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	44443	22.903	ug/l	87
22) Diisopropyl ether	6.112	45	132390	21.573	ug/l #	93
23) Vinyl Acetate	6.051	43	381741	105.300	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	79421	21.563	ug/l	98
25) 2-Butanone	6.978	43	81745	109.720	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	77591	21.907	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	51633	21.358	ug/l	91
28) Bromochloromethane	7.326	49	20729	15.870	ug/l #	88
29) Tetrahydrofuran	7.344	42	49210	107.540	ug/l #	84
30) Chloroform	7.496	83	86203	21.633	ug/l	98
31) Cyclohexane	7.777	56	67098	23.685	ug/l #	84
32) 1,1,1-Trichloroethane	7.698	97	75498	21.288	ug/l	97
36) 1,1-Dichloropropene	7.911	75	61176	21.892	ug/l	98
37) Ethyl Acetate	7.070	43	35412	21.939	ug/l #	93
38) Carbon Tetrachloride	7.893	117	67845	21.115	ug/l	98
39) Methylcyclohexane	9.179	83	70573	21.577	ug/l	91
40) Benzene	8.155	78	181599	21.798	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	19534m	23.727	ug/l	93
42) 1,2-Dichloroethane	8.234	62	54784	21.356	ug/l	93
43) Isopropyl Acetate	8.271	43	60241	20.361	ug/l #	89
44) Trichloroethene	8.935	130	51144	21.446	ug/l	99
45) 1,2-Dichloropropane	9.216	63	45838	21.269	ug/l	99
46) Dibromomethane	9.301	93	26855	21.219	ug/l	96
47) Bromodichloromethane	9.490	83	65597	20.991	ug/l	97
48) Methyl methacrylate	9.289	41	27593	21.127	ug/l #	84
49) 1,4-Dioxane	9.295	88	7393	397.247	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	174435	104.425	ug/l	90
52) Toluene	10.240	92	116560	21.384	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	63906	20.225	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72948	20.707	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	39076	20.991	ug/l	97
56) Ethyl methacrylate	10.508	69	48369	20.057	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	64509	20.920	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	100077	87.776	ug/l	94
59) 2-Hexanone	10.831	43	118361	104.539	ug/l	90
60) Dibromochloromethane	10.984	129	46260	20.306	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36411	20.892	ug/l	98
64) Tetrachloroethene	10.715	164	49231	20.742	ug/l	91
65) Chlorobenzene	11.514	112	127852	20.809	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	49008	20.474	ug/l	98
67) Ethyl Benzene	11.593	91	223857	20.749	ug/l	97
68) m/p-Xylenes	11.697	106	175182	41.914	ug/l	93
69) o-Xylene	12.026	106	82235	20.181	ug/l	94
70) Styrene	12.044	104	141569	20.451	ug/l	96
71) Bromoform	12.209	173	29993	20.179	ug/l #	99
73) Isopropylbenzene	12.331	105	221565	20.171	ug/l	100
74) N-amyl acetate	12.142	43	52182	19.590	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	46585	20.813	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	34574m	20.381	ug/l	96
77) Bromobenzene	12.605	156	52781	20.195	ug/l	96
78) n-propylbenzene	12.672	91	267599	20.453	ug/l	99
79) 2-Chlorotoluene	12.758	91	148637	19.938	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	192278	20.717	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	14987	19.644	ug/l	90
82) 4-Chlorotoluene	12.855	91	155367	20.182	ug/l	97
83) tert-Butylbenzene	13.075	119	163614	19.711	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	190624	20.674	ug/l	98
85) sec-Butylbenzene	13.251	105	244789	20.136	ug/l	100
86) p-Isopropyltoluene	13.367	119	203890	20.070	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	104975	19.789	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	107616	20.497	ug/l	98
89) n-Butylbenzene	13.696	91	187706	20.128	ug/l	99
90) Hexachloroethane	13.959	117	39508	20.255	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	96928	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7472	20.005	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	57296	19.876	ug/l	100
94) Hexachlorobutadiene	15.111	225	35052	20.006	ug/l	98
95) Naphthalene	15.233	128	112468	19.363	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	48428	19.294	ug/l	97

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

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Dadoda

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