

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071422\
 Data File : VY009568.D
 Acq On : 14 Jul 2022 17:28
 Operator : KP/MD
 Sample : VY0714SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBS01

Quant Time: Jul 15 01:22:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	165299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	265740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54348	46.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.704	113	59570	42.603	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.200%
50) Toluene-d8	10.173	98	171095	43.588	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.180%
62) 4-Bromofluorobenzene	12.477	95	93856	47.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	137092	108.149	ug/l	98
3) Chloromethane	2.107	50	23579	16.657	ug/l	98
4) Vinyl Chloride	2.241	62	29410	18.248	ug/l	95
5) Bromomethane	2.625	94	23177	20.017	ug/l	99
6) Chloroethane	2.778	64	19255	20.463	ug/l	100
7) Trichlorofluoromethane	3.107	101	42863	19.920	ug/l	92
8) Diethyl Ether	3.509	74	15695	19.065	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	27008	18.525	ug/l	96
10) Methyl Iodide	4.076	142	30028	18.214	ug/l	90
11) Tert butyl alcohol	4.954	59	16280	58.397	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	23378	17.288	ug/l	90
13) Acrolein	3.711	56	4149	58.128	ug/l	100
14) Allyl chloride	4.466	41	42011	18.057	ug/l	97
15) Acrylonitrile	5.155	53	42631	94.112	ug/l	98
16) Acetone	3.936	43	35936	89.368	ug/l	93
17) Carbon Disulfide	4.174	76	50771	14.721	ug/l	97
18) Methyl Acetate	4.466	43	23505	19.908	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	79601	19.449	ug/l	98
20) Methylene Chloride	4.698	84	40078	18.028	ug/l	88
21) trans-1,2-Dichloroethene	5.198	96	28223	17.813	ug/l	83
22) Diisopropyl ether	6.100	45	103494	20.924	ug/l	98
23) Vinyl Acetate	6.045	43	305587	88.117	ug/l #	94
24) 1,1-Dichloroethane	5.997	63	52983	18.995	ug/l	97
25) 2-Butanone	6.978	43	61563	94.640	ug/l #	89
26) 2,2-Dichloropropane	6.966	77	54970	19.995	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	34728	18.617	ug/l	94
28) Bromochloromethane	7.326	49	21110	18.006	ug/l #	89
29) Tetrahydrofuran	7.338	42	38047	90.429	ug/l	92
30) Chloroform	7.496	83	57746	18.916	ug/l	94
31) Cyclohexane	7.771	56	43979	16.217	ug/l #	91
32) 1,1,1-Trichloroethane	7.691	97	52430	19.480	ug/l	97
36) 1,1-Dichloropropene	7.905	75	41134	18.070	ug/l	98
37) Ethyl Acetate	7.070	43	26955	18.890	ug/l	98
38) Carbon Tetrachloride	7.887	117	45216	18.572	ug/l	100
39) Methylcyclohexane	9.179	83	45937	16.811	ug/l	92
40) Benzene	8.149	78	121025	18.105	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13043m	17.603	ug/l	
42) 1,2-Dichloroethane	8.228	62	37925	18.898	ug/l	96
43) Isopropyl Acetate	8.265	43	50396	18.929	ug/l #	94
44) Trichloroethene	8.935	130	33530	17.756	ug/l	99
45) 1,2-Dichloropropane	9.210	63	32253	19.066	ug/l	94
46) Dibromomethane	9.295	93	18033	18.162	ug/l	96
47) Bromodichloromethane	9.490	83	45686	19.332	ug/l #	97
48) Methyl methacrylate	9.289	41	21051	18.352	ug/l	87
49) 1,4-Dioxane	9.289	88	4934	337.441	ug/l	89
51) 4-Methyl-2-Pentanone	10.063	43	134656	96.173	ug/l	96
52) Toluene	10.240	92	81337	19.095	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	46914	18.838	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	52096	18.760	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	27236	19.015	ug/l	98
56) Ethyl methacrylate	10.508	69	34850	18.326	ug/l	90
57) 1,3-Dichloropropane	10.782	76	44652	18.910	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	84412	90.865	ug/l	96
59) 2-Hexanone	10.825	43	93669	96.546	ug/l	94
60) Dibromochloromethane	10.977	129	33028	19.041	ug/l	97
61) 1,2-Dibromoethane	11.081	107	25228	18.372	ug/l	96
64) Tetrachloroethene	10.715	164	32630	15.906	ug/l	99
65) Chlorobenzene	11.508	112	93078	19.316	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.581	131	35118	19.374	ug/l	97
67) Ethyl Benzene	11.587	91	158907	18.889	ug/l	95
68) m/p-Xylenes	11.703	106	128446	39.149	ug/l	91
69) o-Xylene	12.026	106	61344	19.506	ug/l	90
70) Styrene	12.038	104	104609	19.915	ug/l	95
71) Bromoform	12.203	173	22721	19.666	ug/l #	98
73) Isopropylbenzene	12.325	105	164098	18.775	ug/l	99
74) N-amyl acetate	12.142	43	48553	19.525	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	33112	18.921	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	22847m	16.888	ug/l	
77) Bromobenzene	12.605	156	40160	18.875	ug/l	93
78) n-propylbenzene	12.666	91	201184	19.053	ug/l	96
79) 2-Chlorotoluene	12.752	91	113753	19.243	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	139802	19.137	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	11932	18.051	ug/l	90
82) 4-Chlorotoluene	12.849	91	120102	19.386	ug/l	97
83) tert-Butylbenzene	13.075	119	128808	19.818	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	140082	19.265	ug/l	97
85) sec-Butylbenzene	13.251	105	188420	19.684	ug/l	98
86) p-Isopropyltoluene	13.367	119	157378	19.724	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	81171	19.326	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	82628	19.438	ug/l	99
89) n-Butylbenzene	13.697	91	148169	19.886	ug/l	98
90) Hexachloroethane	13.959	117	26080	16.659	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	73581	19.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4717	15.378	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	39996	17.042	ug/l	99
94) Hexachlorobutadiene	15.111	225	24232	18.780	ug/l	98
95) Naphthalene	15.233	128	75354	15.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35542	17.485	ug/l	97

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

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