

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018569.D
 Acq On : 12 Jun 2024 15:16
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 00:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	39462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	67816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	34863	44.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.980%
35) Dibromofluoromethane	7.704	113	32035	37.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.500%
50) Toluene-d8	10.173	98	127570	37.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.580%
62) 4-Bromofluorobenzene	12.477	95	39837	37.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9338	14.900	ug/l	99
3) Chloromethane	2.107	50	28128	24.066	ug/l	95
4) Vinyl Chloride	2.241	62	31281	22.375	ug/l	99
5) Bromomethane	2.631	94	21179	22.707	ug/l	96
6) Chloroethane	2.778	64	20120	22.794	ug/l	100
7) Trichlorofluoromethane	3.107	101	29570	20.443	ug/l	90
8) Diethyl Ether	3.509	74	8487	19.500	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.881	101	14680	17.429	ug/l	90
10) Methyl Iodide	4.076	142	13625	16.469	ug/l	98
11) Tert butyl alcohol	4.942	59	7723	32.683	ug/l #	81
12) 1,1-Dichloroethene	3.857	96	14669	17.719	ug/l	83
13) Acrolein	3.710	56	5568	70.192	ug/l	99
14) Allyl chloride	4.460	41	24090	19.869	ug/l	89
15) Acrylonitrile	5.149	53	22495	113.020	ug/l	98
16) Acetone	3.936	43	17562	102.102	ug/l	92
17) Carbon Disulfide	4.174	76	36582	15.063	ug/l	99
18) Methyl Acetate	4.460	43	11422	26.555	ug/l #	85
19) Methyl tert-butyl Ether	5.204	73	40887	20.493	ug/l	99
20) Methylene Chloride	4.698	84	23086	21.736	ug/l #	93
21) trans-1,2-Dichloroethene	5.204	96	16700	18.903	ug/l	89
22) Diisopropyl ether	6.106	45	62180	25.183	ug/l #	92
23) Vinyl Acetate	6.045	43	188963	117.593	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	32961	21.402	ug/l	97
25) 2-Butanone	6.978	43	30086	114.177	ug/l	91
26) 2,2-Dichloropropane	6.960	77	24180	17.864	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	20592	20.038	ug/l	88
28) Bromochloromethane	7.326	49	17312	24.427	ug/l #	72
29) Tetrahydrofuran	7.338	42	20676	120.821	ug/l #	81
30) Chloroform	7.496	83	31771	20.569	ug/l	94
31) Cyclohexane	7.771	56	27967	19.355	ug/l #	81
32) 1,1,1-Trichloroethane	7.691	97	25883	19.132	ug/l #	92
36) 1,1-Dichloropropene	7.905	75	22674	17.292	ug/l	97
37) Ethyl Acetate	7.064	43	13365	20.403	ug/l	100
38) Carbon Tetrachloride	7.893	117	20839	15.860	ug/l	94
39) Methylcyclohexane	9.179	83	29209	16.478	ug/l #	87
40) Benzene	8.155	78	74037	18.845	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6635	20.824	ug/l #	85
42) 1,2-Dichloroethane	8.234	62	19644	20.566	ug/l	97
43) Isopropyl Acetate	8.271	43	25933	21.173	ug/l #	76
44) Trichloroethene	8.935	130	16726	17.180	ug/l	100
45) 1,2-Dichloropropane	9.216	63	18896	21.031	ug/l	91
46) Dibromomethane	9.295	93	9437	18.319	ug/l	90
47) Bromodichloromethane	9.496	83	23920	19.344	ug/l #	98
48) Methyl methacrylate	9.289	41	11521	20.445	ug/l	84
49) 1,4-Dioxane	9.301	88	2627	388.333	ug/l #	78
51) 4-Methyl-2-Pentanone	10.063	43	70815	111.344	ug/l	89
52) Toluene	10.240	92	44798	18.539	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	21085	18.568	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	26106	18.671	ug/l #	79
55) 1,1,2-Trichloroethane	10.636	97	12510	18.666	ug/l	92
56) Ethyl methacrylate	10.508	69	19164	20.320	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	22754	19.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	49707	98.147	ug/l	94
59) 2-Hexanone	10.831	43	47324	107.677	ug/l	88
60) Dibromochloromethane	10.984	129	13462	16.441	ug/l	90
61) 1,2-Dibromoethane	11.081	107	11731	18.588	ug/l	100
64) Tetrachloroethene	10.715	164	13986	15.743	ug/l #	82
65) Chlorobenzene	11.514	112	46839	18.110	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	14731	17.614	ug/l	95
67) Ethyl Benzene	11.587	91	86535	18.382	ug/l	100
68) m/p-Xylenes	11.697	106	63218	35.663	ug/l	95
69) o-Xylene	12.026	106	30211	17.705	ug/l	92
70) Styrene	12.044	104	51841	18.594	ug/l	99
71) Bromoform	12.209	173	7264	16.487	ug/l #	94
73) Isopropylbenzene	12.325	105	78702	17.537	ug/l	98
74) N-amyl acetate	12.142	43	23690	21.687	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	15063	19.068	ug/l	94
76) 1,2,3-Trichloropropane	12.630	75	10421m	19.325	ug/l	
77) Bromobenzene	12.605	156	16386	17.197	ug/l	84
78) n-propylbenzene	12.666	91	98346	18.259	ug/l	98
79) 2-Chlorotoluene	12.752	91	54715	18.686	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	63939	18.293	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4470	17.415	ug/l #	72
82) 4-Chlorotoluene	12.849	91	54134	18.372	ug/l	100
83) tert-Butylbenzene	13.075	119	57123	17.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	63350	18.513	ug/l	99
85) sec-Butylbenzene	13.251	105	87326	18.346	ug/l	97
86) p-Isopropyltoluene	13.367	119	70003	18.222	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	34634	18.427	ug/l	94
88) 1,4-Dichlorobenzene	13.447	146	33483	18.133	ug/l	96
89) n-Butylbenzene	13.696	91	68863	18.864	ug/l	98
90) Hexachloroethane	13.959	117	12327	17.120	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	29765	18.199	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2142	17.818	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	14494	16.386	ug/l	96
94) Hexachlorobutadiene	15.111	225	7055	15.017	ug/l	92
95) Naphthalene	15.233	128	30339	17.078	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	12625	16.869	ug/l	98

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

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