

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018570.D
 Acq On : 12 Jun 2024 15:40
 Operator : SY/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 00:55:45 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	33705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	54827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	49796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38210	57.727	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.460%			
35) Dibromofluoromethane	7.710	113	35594	51.196	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.400%			
50) Toluene-d8	10.173	98	138834	50.196	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.477	95	43045	49.985	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	10731	20.047	ug/l	98
3) Chloromethane	2.107	50	27440	27.487	ug/l	99
4) Vinyl Chloride	2.241	62	33941	28.425	ug/l	99
5) Bromomethane	2.631	94	22239	27.916	ug/l	95
6) Chloroethane	2.778	64	20816	27.611	ug/l	95
7) Trichlorofluoromethane	3.101	101	31174	25.233	ug/l	100
8) Diethyl Ether	3.521	74	9188	24.717	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.881	101	15550	21.616	ug/l	90
10) Methyl Iodide	4.070	142	14535	20.570	ug/l	93
11) Tert butyl alcohol	4.954	59	7998	57.123	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	14984	21.191	ug/l	92
13) Acrolein	3.723	56	5356	79.053	ug/l	93
14) Allyl chloride	4.460	41	25606	24.727	ug/l #	93
15) Acrylonitrile	5.137	53	24310	143.002	ug/l	98
16) Acetone	3.936	43	17950	122.182	ug/l	88
17) Carbon Disulfide	4.180	76	39847	19.210	ug/l	99
18) Methyl Acetate	4.466	43	11220	30.541	ug/l	90
19) Methyl tert-butyl Ether	5.210	73	44133	25.898	ug/l	96
20) Methylene Chloride	4.698	84	24911	28.562	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	17036	22.577	ug/l	86
22) Diisopropyl ether	6.100	45	60981	28.916	ug/l #	87
23) Vinyl Acetate	6.045	43	199230	145.159	ug/l	94
24) 1,1-Dichloroethane	6.003	63	33802	25.697	ug/l	98
25) 2-Butanone	6.978	43	31803	141.308	ug/l #	75
26) 2,2-Dichloropropane	6.966	77	24648	21.320	ug/l	100
27) cis-1,2-Dichloroethene	6.966	96	20493	23.347	ug/l	87
28) Bromochloromethane	7.319	49	16710	27.605	ug/l #	71
29) Tetrahydrofuran	7.338	42	21820	149.285	ug/l #	85
30) Chloroform	7.496	83	34183	25.910	ug/l	97
31) Cyclohexane	7.777	56	29320	23.757	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	26902	23.281	ug/l #	93
36) 1,1-Dichloropropene	7.911	75	24312	22.934	ug/l	96
37) Ethyl Acetate	7.063	43	15108	28.528	ug/l	96
38) Carbon Tetrachloride	7.886	117	22147	20.848	ug/l	95
39) Methylcyclohexane	9.179	83	30946	21.594	ug/l	87
40) Benzene	8.155	78	74454	23.441	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7530	29.232	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	19591	25.370	ug/l	99
43) Isopropyl Acetate	8.264	43	27496	27.767	ug/l #	88
44) Trichloroethene	8.935	130	17000	21.598	ug/l	97
45) 1,2-Dichloropropane	9.209	63	18083	24.894	ug/l #	86
46) Dibromomethane	9.301	93	10300	24.731	ug/l #	85
47) Bromodichloromethane	9.490	83	23474	23.481	ug/l	95
48) Methyl methacrylate	9.289	41	12577	27.606	ug/l #	83
49) 1,4-Dioxane	9.289	88	2887	527.873	ug/l #	91
51) 4-Methyl-2-Pentanone	10.063	43	76186	148.169	ug/l	89
52) Toluene	10.240	92	46982	24.049	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	21850	23.800	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	26063	23.057	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	13591	25.083	ug/l	96
56) Ethyl methacrylate	10.508	69	19446	25.504	ug/l #	69
57) 1,3-Dichloropropane	10.782	76	24329	26.449	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	52567	128.384	ug/l	92
59) 2-Hexanone	10.825	43	52025	146.416	ug/l	89
60) Dibromochloromethane	10.977	129	14515	21.927	ug/l	97
61) 1,2-Dibromoethane	11.081	107	11957	23.434	ug/l	98
64) Tetrachloroethene	10.715	164	14875	20.280	ug/l	93
65) Chlorobenzene	11.514	112	47403	22.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	14040	20.333	ug/l	94
67) Ethyl Benzene	11.587	91	86582	22.276	ug/l	98
68) m/p-Xylenes	11.697	106	65445	44.715	ug/l	93
69) o-Xylene	12.026	106	31608	22.435	ug/l	95
70) Styrene	12.038	104	54053	23.481	ug/l	96
71) Bromoform	12.203	173	7495	20.604	ug/l #	97
73) Isopropylbenzene	12.325	105	80853	22.200	ug/l	99
74) N-amyl acetate	12.142	43	24613	27.763	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	17118	26.700	ug/l	95
76) 1,2,3-Trichloropropane	12.623	75	11323m	25.872	ug/l	
77) Bromobenzene	12.605	156	17659	22.836	ug/l	87
78) n-propylbenzene	12.666	91	101387	23.194	ug/l	99
79) 2-Chlorotoluene	12.751	91	56741	23.877	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	65227	22.994	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	4784	22.966	ug/l #	79
82) 4-Chlorotoluene	12.849	91	58771	24.576	ug/l	97
83) tert-Butylbenzene	13.068	119	58404	22.266	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	63439	22.844	ug/l	98
85) sec-Butylbenzene	13.251	105	89134	23.074	ug/l	96
86) p-Isopropyltoluene	13.367	119	70877	22.733	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	34475	22.601	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	34498	23.021	ug/l	96
89) n-Butylbenzene	13.690	91	71710	24.204	ug/l	96
90) Hexachloroethane	13.959	117	12488	21.370	ug/l	86
91) 1,2-Dichlorobenzene	13.733	146	30269	22.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2467	25.286	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	15513	21.609	ug/l	98
94) Hexachlorobutadiene	15.111	225	8175	21.442	ug/l	98
95) Naphthalene	15.233	128	32996	22.886	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	13334	21.953	ug/l	95

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

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