

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018889.D
 Acq On : 22 Jul 2024 14:29
 Operator : SY/MD
 Sample : VY0722SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0722SBS01

Quant Time: Jul 23 02:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	157330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	137580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47240	46.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.710	113	47654	48.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.173	98	173005	46.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.477	95	59292	46.507	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	14757	17.013	ug/l	98
3) Chloromethane	2.107	50	20585	15.617	ug/l	94
4) Vinyl Chloride	2.241	62	25042	16.241	ug/l	100
5) Bromomethane	2.625	94	19907	18.769	ug/l	86
6) Chloroethane	2.772	64	17273	17.243	ug/l	94
7) Trichlorofluoromethane	3.095	101	36739	18.234	ug/l	95
8) Diethyl Ether	3.509	74	8750	17.818	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	18839	18.224	ug/l	95
10) Methyl Iodide	4.070	142	17930	16.106	ug/l	95
11) Tert butyl alcohol	4.948	59	8744m	84.740	ug/l	
12) 1,1-Dichloroethene	3.857	96	17588	17.587	ug/l	92
13) Acrolein	3.717	56	5291	64.001	ug/l	98
14) Allyl chloride	4.454	41	21590	17.426	ug/l	91
15) Acrylonitrile	5.137	53	19386	100.065	ug/l	98
16) Acetone	3.936	43	16903	90.009	ug/l	91
17) Carbon Disulfide	4.174	76	41022	14.649	ug/l #	95
18) Methyl Acetate	4.460	43	10711	19.630	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	45386	19.563	ug/l	92
20) Methylene Chloride	4.698	84	29015	24.778	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	18877	17.884	ug/l	87
22) Diisopropyl ether	6.100	45	50441	18.716	ug/l #	87
23) Vinyl Acetate	6.045	43	197651	93.088	ug/l	98
24) 1,1-Dichloroethane	6.003	63	31328	18.206	ug/l	95
25) 2-Butanone	6.978	43	25633	97.378	ug/l #	88
26) 2,2-Dichloropropane	6.966	77	28371	17.770	ug/l	94
27) cis-1,2-Dichloroethene	6.966	96	23024	18.735	ug/l	98
28) Bromochloromethane	7.320	49	13281	19.217	ug/l	94
29) Tetrahydrofuran	7.338	42	16740	103.732	ug/l	90
30) Chloroform	7.496	83	36785	19.181	ug/l	93
31) Cyclohexane	7.777	56	25904	16.553	ug/l #	88
32) 1,1,1-Trichloroethane	7.691	97	32873	18.434	ug/l	96
36) 1,1-Dichloropropene	7.911	75	24971	18.363	ug/l	98
37) Ethyl Acetate	7.063	43	12652	22.383	ug/l #	93
38) Carbon Tetrachloride	7.886	117	30402	18.562	ug/l	97
39) Methylcyclohexane	9.173	83	30777	17.661	ug/l	95
40) Benzene	8.149	78	74789	18.959	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	5327m	16.530	ug/l	
42) 1,2-Dichloroethane	8.228	62	21472	19.441	ug/l	86
43) Isopropyl Acetate	8.264	43	22797	20.269	ug/l #	81
44) Trichloroethene	8.935	130	22030	19.537	ug/l	97
45) 1,2-Dichloropropane	9.209	63	16597	19.321	ug/l	98
46) Dibromomethane	9.301	93	11188	20.093	ug/l	98
47) Bromodichloromethane	9.490	83	26764	19.241	ug/l	99
48) Methyl methacrylate	9.283	41	9950	19.463	ug/l #	86
49) 1,4-Dioxane	9.289	88	2787	426.986	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	59970	104.433	ug/l	95
52) Toluene	10.240	92	47517	18.123	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	22309	18.575	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	27705	19.663	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	14832	21.035	ug/l	87
56) Ethyl methacrylate	10.508	69	19555	21.065	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	23672	20.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	45222	101.965	ug/l	93
59) 2-Hexanone	10.831	43	41824	104.108	ug/l	91
60) Dibromochloromethane	10.977	129	19518	20.146	ug/l	98
61) 1,2-Dibromoethane	11.087	107	13900	20.277	ug/l	97
64) Tetrachloroethene	10.715	164	21560	19.361	ug/l	95
65) Chlorobenzene	11.508	112	56696	19.535	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	19874	19.875	ug/l	96
67) Ethyl Benzene	11.587	91	94887	18.663	ug/l	98
68) m/p-Xylenes	11.697	106	76545	38.365	ug/l	99
69) o-Xylene	12.026	106	34593	18.442	ug/l	93
70) Styrene	12.038	104	59779	19.100	ug/l	97
71) Bromoform	12.203	173	12203	22.389	ug/l #	95
73) Isopropylbenzene	12.325	105	95573	18.837	ug/l	100
74) N-amyl acetate	12.142	43	19941	19.218	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	16104	20.134	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	12783m	23.543	ug/l	
77) Bromobenzene	12.605	156	23350	19.278	ug/l	94
78) n-propylbenzene	12.666	91	110119	18.277	ug/l	97
79) 2-Chlorotoluene	12.751	91	61964	18.290	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	78119	18.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	4616	19.027	ug/l #	85
82) 4-Chlorotoluene	12.849	91	64057	18.362	ug/l	96
83) tert-Butylbenzene	13.075	119	75336	19.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	79855	19.358	ug/l	99
85) sec-Butylbenzene	13.251	105	103584	19.041	ug/l	95
86) p-Isopropyltoluene	13.367	119	87765	18.687	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	47927	20.147	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	45856	19.449	ug/l	99
89) n-Butylbenzene	13.696	91	80839	18.986	ug/l	98
90) Hexachloroethane	13.959	117	16221	18.572	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	41494	20.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2789	21.519	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	26288	20.956	ug/l	99
94) Hexachlorobutadiene	15.105	225	15000	20.746	ug/l	98
95) Naphthalene	15.233	128	45575	21.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22980	21.410	ug/l	99

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

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Data File : VY018889.D
Acq On : 22 Jul 2024 14:29
Operator : SY/MD
Sample : VY07222SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY07222SBSD01

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