

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016296.D
 Acq On : 10 Nov 2023 10:04
 Operator : SY/MD
 Sample : VY1110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBS01

Quant Time: Nov 10 22:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	159946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	263485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75563	51.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.380%	
35) Dibromofluoromethane	7.728	113	77739	51.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.191	98	309386	50.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	12.489	95	101602	51.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32768	20.923	ug/l	99
3) Chloromethane	2.119	50	37854	20.638	ug/l	96
4) Vinyl Chloride	2.253	62	38569	19.555	ug/l	96
5) Bromomethane	2.656	94	25880	19.966	ug/l	96
6) Chloroethane	2.796	64	25548	20.300	ug/l	95
7) Trichlorofluoromethane	3.137	101	59269	20.655	ug/l	97
8) Diethyl Ether	3.540	74	18915	22.055	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	35555	20.572	ug/l	96
10) Methyl Iodide	4.101	142	35929	19.248	ug/l	97
11) Tert butyl alcohol	4.972	59	11344	99.097	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	33080	20.466	ug/l	93
13) Acrolein	3.735	56	14948	108.259	ug/l	98
14) Allyl chloride	4.491	41	46691	20.357	ug/l #	92
15) Acrylonitrile	5.174	53	36595	107.524	ug/l	99
16) Acetone	3.954	43	24653	101.953	ug/l #	89
17) Carbon Disulfide	4.210	76	98338	20.165	ug/l	99
18) Methyl Acetate	4.491	43	27206	21.174	ug/l #	90
19) Methyl tert-butyl Ether	5.235	73	82319	21.043	ug/l	99
20) Methylene Chloride	4.729	84	45508	24.893	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	38993	20.953	ug/l	95
22) Diisopropyl ether	6.131	45	104715	21.184	ug/l	89
23) Vinyl Acetate	6.076	43	252714	105.510	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	63606	20.858	ug/l	96
25) 2-Butanone	6.996	43	45168	106.645	ug/l	97
26) 2,2-Dichloropropane	6.996	77	56987	20.533	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	41228	20.557	ug/l	93
28) Bromochloromethane	7.350	49	23858	21.139	ug/l	91
29) Tetrahydrofuran	7.356	42	30157	107.725	ug/l	90
30) Chloroform	7.521	83	66282	20.882	ug/l	97
31) Cyclohexane	7.795	56	57258	19.894	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	60932	20.941	ug/l	98
36) 1,1-Dichloropropene	7.929	75	51792	19.928	ug/l	99
37) Ethyl Acetate	7.088	43	21006	20.003	ug/l #	94
38) Carbon Tetrachloride	7.917	117	54415	20.173	ug/l	96
39) Methylcyclohexane	9.197	83	62921	19.429	ug/l	93
40) Benzene	8.173	78	147816	20.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10190m	19.245	ug/l	
42) 1,2-Dichloroethane	8.246	62	39279	20.761	ug/l	93
43) Isopropyl Acetate	8.283	43	41079	20.237	ug/l #	89
44) Trichloroethene	8.953	130	42050	20.037	ug/l	97
45) 1,2-Dichloropropane	9.228	63	36205	20.646	ug/l	99
46) Dibromomethane	9.313	93	19965	21.009	ug/l	95
47) Bromodichloromethane	9.508	83	50386	20.624	ug/l	97
48) Methyl methacrylate	9.301	41	23237	20.713	ug/l	87
49) 1,4-Dioxane	9.313	88	4225	418.782	ug/l #	64
51) 4-Methyl-2-Pentanone	10.081	43	106503	103.758	ug/l	91
52) Toluene	10.252	92	94309	20.432	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	49114	20.737	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	58516	20.686	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	28177	21.513	ug/l	95
56) Ethyl methacrylate	10.520	69	25036	20.249	ug/l #	87
57) 1,3-Dichloropropane	10.801	76	47342	21.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	86322	102.964	ug/l	93
59) 2-Hexanone	10.843	43	82569	108.145	ug/l	88
60) Dibromochloromethane	10.996	129	34306	20.943	ug/l	99
61) 1,2-Dibromoethane	11.099	107	26121	20.933	ug/l	98
64) Tetrachloroethene	10.727	164	41139	19.918	ug/l	97
65) Chlorobenzene	11.526	112	98478	20.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	37201	20.523	ug/l	97
67) Ethyl Benzene	11.599	91	176836	20.021	ug/l	100
68) m/p-Xylenes	11.709	106	136753	40.821	ug/l	94
69) o-Xylene	12.038	106	63065	20.276	ug/l	97
70) Styrene	12.050	104	92899	20.859	ug/l	97
71) Bromoform	12.215	173	19934	21.193	ug/l #	98
73) Isopropylbenzene	12.337	105	172786	19.870	ug/l	99
74) N-amyl acetate	12.148	43	34274	19.622	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	29193	20.922	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	22136m	21.489	ug/l	
77) Bromobenzene	12.617	156	40143	20.425	ug/l	94
78) n-propylbenzene	12.678	91	205255	19.973	ug/l	99
79) 2-Chlorotoluene	12.764	91	115211	20.343	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	141063	20.120	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9808	20.667	ug/l	91
82) 4-Chlorotoluene	12.861	91	119104	20.353	ug/l	100
83) tert-Butylbenzene	13.081	119	122425	19.825	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	140279	20.320	ug/l	98
85) sec-Butylbenzene	13.257	105	177608	20.132	ug/l	100
86) p-Isopropyltoluene	13.373	119	153087	20.152	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	76472	20.225	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	75697	20.485	ug/l	98
89) n-Butylbenzene	13.703	91	142748	20.347	ug/l	97
90) Hexachloroethane	13.965	117	28859	19.693	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	66568	20.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4246	19.126	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	38816	20.524	ug/l	99
94) Hexachlorobutadiene	15.117	225	22503	20.769	ug/l	98
95) Naphthalene	15.239	128	67344	19.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31380	20.061	ug/l	98

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

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