

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031455.D
 Acq On : 21 Dec 2024 03:03
 Operator : SY/MD
 Sample : P5325-03MSD
 Misc : 5.06g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE680MSD

Quant Time: Dec 21 03:42:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	865552	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	685186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	279109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	205956	15.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.240%
7) Chloroethane-d5	2.899	69	175963	18.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
11) 1,1-Dichloroethene-d2	4.021	65	87238	14.122	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.480%
21) 2-Butanone-d5	7.106	46	72708	29.645	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.300%
24) Chloroform-d	7.648	84	392985	16.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.280%
26) 1,2-Dichloroethane-d4	8.307	65	203379	17.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.320%#
32) Benzene-d6	8.270	84	763021	17.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.480%
36) 1,2-Dichloropropane-d6	9.270	67	232474	18.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.640%
41) Toluene-d8	10.319	98	634411	15.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.120%
43) trans-1,3-Dichloroprop...	10.575	79	81248	13.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.080%
47) 2-Hexanone-d5	10.922	63	56743	32.966	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148177	18.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	163878	15.816	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	84705	10.828	ug/L	97
3) Chloromethane	2.216	50	117690	13.392	ug/L	99
5) Vinyl chloride	2.369	62	158790	13.038	ug/L	97
6) Bromomethane	2.789	94	116754	15.593	ug/L	96
8) Chloroethane	2.930	64	113780	15.710	ug/L	96
9) Trichlorofluoromethane	3.271	101	148157	11.419	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	128981	12.311	ug/L #	69
12) 1,1-Dichloroethene	4.039	96	137529	12.961	ug/L	97
13) Acetone	4.173	43	67654	19.807	ug/L #	100
14) Carbon disulfide	4.381	76	306220	8.849	ug/L	99
15) Methyl Acetate	4.692	43	50112	12.917	ug/L	95
16) Methylene chloride	4.917	84	157176	14.432	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	143557	12.551	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	280803	14.685	ug/L	98
19) 1,1-Dichloroethane	6.216	63	303217	14.187	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	175134	14.152	ug/L	97
22) 2-Butanone	7.191	43	85214	20.590	ug/L	97
23) Bromochloromethane	7.514	128	73546	14.902	ug/L	95
25) Chloroform	7.673	83	309757	14.684	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	198242	14.949	ug/L	100
29) Cyclohexane	7.953	56	181600	9.773	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	230199	12.998	ug/L	98
31) Carbon tetrachloride	8.063	117	177946	11.278	ug/L	97
33) Benzene	8.319	78	624385	14.746	ug/L	100
34) Trichloroethene	9.087	95	173585	14.521	ug/L	90
35) Methylcyclohexane	9.331	83	190229	9.138	ug/L	98
37) 1,2-Dichloropropane	9.368	63	167662	15.872	ug/L	98
38) Bromodichloromethane	9.642	83	206766	15.057	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	243415	13.637	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	162555	29.006	ug/L	98
42) Toluene	10.386	91	618203	13.410	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	191944	13.170	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	114793	16.338	ug/L	96
46) Tetrachloroethene	10.861	164	102807	11.741	ug/L	90
48) 2-Hexanone	10.965	43	121868	25.569	ug/L	99
49) Dibromochloromethane	11.123	129	119931	14.400	ug/L	92
50) 1,2-Dibromoethane	11.233	107	105802	15.896	ug/L	99
51) Chlorobenzene	11.654	112	368727	12.757	ug/L	99
52) Ethylbenzene	11.727	91	591486	11.070	ug/L	98
53) m,p-Xylene	11.837	106	220808	10.856	ug/L	98
54) o-Xylene	12.160	106	230158	12.006	ug/L	98
55) Styrene	12.178	104	393640	12.345	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	124103	16.385	ug/L	94
59) Bromoform	12.343	173	59914	15.280	ug/L	99
60) Isopropylbenzene	12.458	105	505360	11.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90810	19.014	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	418135	10.798	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	424885	11.352	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	233263	12.605	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	224685	12.254	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	219838	13.787	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	17859	14.735	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	128764	9.935	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	115904	10.751	ug/L	96
71) Naphthalene	15.354	128	290312	15.359	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104166	11.992	ug/L	98

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

