

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031453.D
 Acq On : 21 Dec 2024 02:15
 Operator : SY/MD
 Sample : P5331-03MSD
 Misc : 5.37g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ1MSD

Quant Time: Dec 21 02:59:09 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	8.837	114	807375	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	714546	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307307	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	161240	13.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.080%
7) Chloroethane-d5	2.893	69	141046	15.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.800%
11) 1,1-Dichloroethene-d2	4.015	65	71660	12.436	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.760%
21) 2-Butanone-d5	7.093	46	45987	20.101	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.200%
24) Chloroform-d	7.648	84	353430	15.977	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.920%
26) 1,2-Dichloroethane-d4	8.301	65	187571	16.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.520%#
32) Benzene-d6	8.270	84	692944	15.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.520%
36) 1,2-Dichloropropane-d6	9.270	67	211540	15.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	63.400%#
41) Toluene-d8	10.325	98	622347	14.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.440%
43) trans-1,3-Dichloroprop...	10.575	79	69709	11.326	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.320%
47) 2-Hexanone-d5	10.922	63	37238	20.745	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144739	17.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	176184	15.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	61.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	67281	9.221	ug/L	94
3) Chloromethane	2.210	50	89810	10.956	ug/L	98
5) Vinyl chloride	2.363	62	130055	11.448	ug/L	99
6) Bromomethane	2.783	94	67613	9.681	ug/L	100
8) Chloroethane	2.930	64	92756	13.730	ug/L	98
9) Trichlorofluoromethane	3.259	101	135395	11.188	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107570	11.007	ug/L	96
12) 1,1-Dichloroethene	4.033	96	105334	10.642	ug/L	82
13) Acetone	4.167	43	53580	16.817	ug/L #	100
14) Carbon disulfide	4.381	76	258669	8.013	ug/L	100
15) Methyl Acetate	4.691	43	25770	7.121	ug/L	98
16) Methylene chloride	4.917	84	140275	13.809	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	126413	11.849	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	259314	14.539	ug/L	99
19) 1,1-Dichloroethane	6.216	63	261563	13.120	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	154660	13.398	ug/L	99
22) 2-Butanone	7.185	43	78729	20.394	ug/L	95
23) Bromochloromethane	7.514	128	66985	14.550	ug/L	84
25) Chloroform	7.673	83	279661	14.213	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	184802	14.939	ug/L	99
29) Cyclohexane	7.953	56	175631	9.063	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	202611	10.970	ug/L	98
31) Carbon tetrachloride	8.069	117	165781	10.075	ug/L	99
33) Benzene	8.319	78	559816	12.678	ug/L	100
34) Trichloroethene	9.087	95	145605	11.680	ug/L	99
35) Methylcyclohexane	9.331	83	188999	8.705	ug/L	96
37) 1,2-Dichloropropane	9.367	63	152085	13.806	ug/L	99
38) Bromodichloromethane	9.642	83	190561	13.307	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	190400	10.229	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	142669	24.412	ug/L	99
42) Toluene	10.386	91	592980	12.334	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	162396	10.684	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	108946	14.869	ug/L	98
46) Tetrachloroethene	10.861	164	96968	10.619	ug/L	99
48) 2-Hexanone	10.965	43	98800	19.877	ug/L	95
49) Dibromochloromethane	11.123	129	111778	12.870	ug/L	97
50) 1,2-Dibromoethane	11.233	107	97495	14.046	ug/L	97
51) Chlorobenzene	11.654	112	386127	12.810	ug/L	99
52) Ethylbenzene	11.727	91	647857	11.627	ug/L	94
53) m,p-Xylene	11.837	106	249267	11.752	ug/L	100
54) o-Xylene	12.160	106	247188	12.365	ug/L	96
55) Styrene	12.178	104	412362	12.401	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	120861	15.302	ug/L	100
59) Bromoform	12.349	173	52859	12.244	ug/L	99
60) Isopropylbenzene	12.458	105	613685	12.203	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	88101	16.754	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	500100	11.729	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	501138	12.161	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	257888	12.657	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	264653	13.109	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	241127	13.735	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	17403	13.041	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	148664	10.418	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	115979	9.770	ug/L	99
71) Naphthalene	15.360	128	258303	12.412	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	107275	11.217	ug/L	99

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

