

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121024\
 Data File : VW031200.D
 Acq On : 10 Dec 2024 18:42
 Operator : SY/MD
 Sample : P5153-18MS
 Misc : 7.12g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28Q4MS

Quant Time: Dec 11 00:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 11 00:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	489994	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	278085	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	66032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	90416	11.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.960%
7) Chloroethane-d5	2.899	69	83114	14.207	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.840%
11) 1,1-Dichloroethene-d2	4.015	65	36122	10.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.000%#
21) 2-Butanone-d5	7.099	46	32527	24.665	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.340%
24) Chloroform-d	7.648	84	219229	15.276	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.120%
26) 1,2-Dichloroethane-d4	8.300	65	124320	17.604	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.400%
32) Benzene-d6	8.270	84	343390	20.091	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.360%
36) 1,2-Dichloropropane-d6	9.270	67	128346	25.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.560%
41) Toluene-d8	10.318	98	238996	15.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.960%
43) trans-1,3-Dichloroprop...	10.574	79	33920	16.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.320%
47) 2-Hexanone-d5	10.922	63	21061	35.906	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71203	21.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	30074	12.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	51.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	92309	14.918	ug/L	98
3) Chloromethane	2.216	50	107773	14.768	ug/L	95
5) Vinyl chloride	2.369	62	128391	14.646	ug/L	98
6) Bromomethane	2.789	94	65024	11.665	ug/L	94
8) Chloroethane	2.929	64	78987	15.064	ug/L	100
9) Trichlorofluoromethane	3.259	101	118183	12.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	70796	10.103	ug/L	90
12) 1,1-Dichloroethene	4.045	96	87378	12.556	ug/L	85
13) Acetone	4.167	43	61631	25.958	ug/L	69
14) Carbon disulfide	4.386	76	228667	10.020	ug/L	97
15) Methyl Acetate	4.691	43	29228	11.732	ug/L	96
16) Methylene chloride	4.917	84	106166	14.970	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	88704	11.991	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	175693	16.977	ug/L	# 94
19) 1,1-Dichloroethane	6.215	63	219079	16.102	ug/L	97
20) cis-1,2-Dichloroethene	7.166	96	97709	12.575	ug/L	90
22) 2-Butanone	7.185	43	72504	32.494	ug/L	86
23) Bromochloromethane	7.520	128	41854	12.687	ug/L	83
25) Chloroform	7.672	83	208574	14.739	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139958	16.056	ug/L	97
29) Cyclohexane	7.959	56	85122	12.161	ug/L	89
30) 1,1,1-Trichloroethane	7.868	97	139617	18.639	ug/L #	93
31) Carbon tetrachloride	8.069	117	112077	16.374	ug/L	99
33) Benzene	8.319	78	412163	21.918	ug/L	100
34) Trichloroethene	9.093	95	84673	16.324	ug/L	97
35) Methylcyclohexane	9.331	83	57528	6.970	ug/L #	89
37) 1,2-Dichloropropane	9.367	63	111639	23.865	ug/L	97
38) Bromodichloromethane	9.642	83	129359	21.126	ug/L #	91
39) cis-1,3-Dichloropropene	10.068	75	108810	15.406	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	103372	49.347	ug/L #	92
42) Toluene	10.385	91	328275	16.572	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	92168	15.873	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	67385	20.960	ug/L	96
46) Tetrachloroethene	10.861	164	41359	10.756	ug/L	93
48) 2-Hexanone	10.965	43	86007	45.382	ug/L #	86
49) Dibromochloromethane	11.129	129	62836	17.742	ug/L	99
50) 1,2-Dibromoethane	11.233	107	54629	18.184	ug/L	86
51) Chlorobenzene	11.653	112	146709	11.602	ug/L #	82
52) Ethylbenzene	11.727	91	259611	11.565	ug/L	95
53) m,p-Xylene	11.836	106	86980	10.411	ug/L	88
54) o-Xylene	12.159	106	79179	10.187	ug/L	82
55) Styrene	12.178	104	137799	10.532	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.708	83	61908	17.776	ug/L #	94
59) Bromoform	12.342	173	21247	22.020	ug/L #	74
60) Isopropylbenzene	12.458	105	173831	16.307	ug/L #	93
61) 1,2,3-Trichloropropane	12.763	75	49947	40.481	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	101800	12.128	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	96542	11.708	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	51342	11.045	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	53776	11.452	ug/L	95
67) 1,2-Dichlorobenzene	13.866	146	44936	11.051	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	8375	31.261	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	14753	4.671	ug/L	90
70) 1,2,4-trichlorobenzene	15.122	180	10213	4.123	ug/L	97
71) Naphthalene	15.360	128	24750	6.203	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	8343	3.935	ug/L	95

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

