

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030596.D
 Acq On : 14 Oct 2024 18:19
 Operator : SY/MD
 Sample : P4346-09MSD
 Misc : 4.21g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAW9MSD

Quant Time: Oct 15 01:12:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 15 01:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	295379	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136583	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94062	20.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.040%
7) Chloroethane-d5	2.905	69	82189	23.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	4.021	65	40907	21.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	7.081	46	45309	54.227	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.460%
24) Chloroform-d	7.648	84	210215	24.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.560%
26) 1,2-Dichloroethane-d4	8.307	65	105995	24.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.276	84	382002	24.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	115784	25.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.325	98	357378	25.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.575	79	47887	24.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.720%
47) 2-Hexanone-d5	10.922	63	36279	61.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93606	27.788	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	118725	25.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80785	21.406	ug/L	99
3) Chloromethane	2.222	50	91744	20.917	ug/L	99
5) Vinyl chloride	2.375	62	122521	22.714	ug/L	97
6) Bromomethane	2.789	94	82885	23.346	ug/L	96
8) Chloroethane	2.936	64	76727	23.269	ug/L	100
9) Trichlorofluoromethane	3.271	101	107990	22.375	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	95258	21.937	ug/L	97
12) 1,1-Dichloroethene	4.045	96	90638	22.871	ug/L	97
13) Acetone	4.125	43	55538	45.401	ug/L	96
14) Carbon disulfide	4.393	76	262781	20.306	ug/L	98
15) Methyl Acetate	4.673	43	35930	23.778	ug/L	97
16) Methylene chloride	4.923	84	103617	23.204	ug/L	94
17) trans-1,2-Dichloroethene	5.441	96	98481	23.030	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	158048	26.408	ug/L	99
19) 1,1-Dichloroethane	6.216	63	188410	23.706	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112067	24.570	ug/L	98
22) 2-Butanone	7.173	43	58503	44.368	ug/L	96
23) Bromochloromethane	7.514	128	47903	24.007	ug/L	96
25) Chloroform	7.679	83	202661	23.861	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	129957	23.193	ug/L	100
29) Cyclohexane	7.959	56	153977	23.492	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	167748	23.469	ug/L	99
31) Carbon tetrachloride	8.069	117	147831	23.156	ug/L	97
33) Benzene	8.325	78	420828	24.017	ug/L	100
34) Trichloroethene	9.093	95	112873	23.154	ug/L	96
35) Methylcyclohexane	9.337	83	182493	23.788	ug/L	98
37) 1,2-Dichloropropane	9.367	63	105783	24.172	ug/L	100
38) Bromodichloromethane	9.648	83	140669	24.160	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	167152	25.322	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	107817	51.283	ug/L	99
42) Toluene	10.386	91	461735	24.700	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	135992	24.516	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	77848	24.613	ug/L	99
46) Tetrachloroethene	10.861	164	86153	23.962	ug/L	92
48) 2-Hexanone	10.965	43	86417	50.263	ug/L	99
49) Dibromochloromethane	11.123	129	86456	24.498	ug/L	94
50) 1,2-Dibromoethane	11.233	107	73240	24.816	ug/L	99
51) Chlorobenzene	11.654	112	293697	24.406	ug/L	98
52) Ethylbenzene	11.727	91	528543	24.779	ug/L	96
53) m,p-Xylene	11.837	106	201559	25.222	ug/L	95
54) o-Xylene	12.166	106	187257	25.346	ug/L	95
55) Styrene	12.178	104	324450	25.689	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	89094	24.979	ug/L	98
59) Bromoform	12.349	173	47963	24.994	ug/L	100
60) Isopropylbenzene	12.464	105	546180	25.822	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	63195	23.777	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	432552	25.921	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	423242	25.905	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	231464	25.141	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	230763	24.274	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	203064	25.065	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	13373	22.566	ug/L	96
69) 1,3,5-Trichlorobenzene	14.629	180	150421	24.776	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	127958	26.180	ug/L	94
71) Naphthalene	15.360	128	235735	27.917	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108287	25.557	ug/L	100

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

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