

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030495.D
 Acq On : 09 Oct 2024 23:59
 Operator : SY/MD
 Sample : P4329-19MS
 Misc : 5.22g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4FB7MS

Quant Time: Oct 10 01:34:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:29:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	368846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	347755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174104	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	130017	22.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.720%
7) Chloroethane-d5	2.899	69	109182	24.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	4.021	65	58737	24.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.440%
21) 2-Butanone-d5	7.075	46	58086	55.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.340%
24) Chloroform-d	7.648	84	283232	26.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	8.307	65	149761	27.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	8.276	84	531235	26.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.276	67	157858	26.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.600%
41) Toluene-d8	10.319	98	498546	27.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.581	79	68391	27.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.280%
47) 2-Hexanone-d5	10.922	63	46704	61.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118969	27.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	159548	27.084	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85954	18.240	ug/L	91
3) Chloromethane	2.223	50	127098	23.205	ug/L	99
5) Vinyl chloride	2.375	62	145411	21.588	ug/L	97
6) Bromomethane	2.790	94	99987	22.553	ug/L	92
8) Chloroethane	2.942	64	93060	22.601	ug/L	99
9) Trichlorofluoromethane	3.271	101	130792	21.701	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	111637	20.588	ug/L	95
12) 1,1-Dichloroethene	4.045	96	111792	22.590	ug/L	89
13) Acetone	4.119	43	56891	37.244	ug/L	98
14) Carbon disulfide	4.393	76	364612	22.563	ug/L	99
15) Methyl Acetate	4.673	43	47116	24.970	ug/L	98
16) Methylene chloride	4.923	84	128008	22.956	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	128865	24.133	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	195988	26.225	ug/L	100
19) 1,1-Dichloroethane	6.222	63	240454	24.228	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	139920	24.566	ug/L	90
22) 2-Butanone	7.167	43	71967	43.708	ug/L	100
23) Bromochloromethane	7.520	128	60139	24.136	ug/L	93
25) Chloroform	7.679	83	255609	24.101	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172275	24.622	ug/L	100
29) Cyclohexane	7.959	56	194303	22.953	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	202418	21.927	ug/L	99
31) Carbon tetrachloride	8.069	117	181994	22.073	ug/L	98
33) Benzene	8.319	78	532020	23.509	ug/L	100
34) Trichloroethene	9.093	95	139254	22.118	ug/L	96
35) Methylcyclohexane	9.337	83	222247	22.430	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136728	24.191	ug/L	100
38) Bromodichloromethane	9.642	83	180613	24.018	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	211370	24.793	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	142892	52.625	ug/L	99
42) Toluene	10.386	91	578343	23.955	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	176113	24.583	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	97708	23.919	ug/L	97
46) Tetrachloroethene	10.855	164	99760	21.483	ug/L	93
48) 2-Hexanone	10.965	43	101044	45.505	ug/L	98
49) Dibromochloromethane	11.130	129	107583	23.604	ug/L	96
50) 1,2-Dibromoethane	11.233	107	90617	23.774	ug/L	94
51) Chlorobenzene	11.654	112	362152	23.302	ug/L	97
52) Ethylbenzene	11.727	91	658923	23.918	ug/L	98
53) m,p-Xylene	11.837	106	247108	23.942	ug/L	97
54) o-Xylene	12.166	106	234627	24.589	ug/L	93
55) Styrene	12.178	104	400584	24.558	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	113216	24.578	ug/L	97
59) Bromoform	12.349	173	61742	25.241	ug/L	96
60) Isopropylbenzene	12.459	105	641156	23.780	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81434	24.037	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	520725	24.480	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	526930	25.301	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	273722	23.323	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	273990	22.610	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	258934	25.073	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18224	24.125	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	168271	21.743	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	150378	24.137	ug/L	100
71) Naphthalene	15.360	128	292411	27.166	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132855	24.598	ug/L	98

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

