

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030734.D
 Acq On : 23 Oct 2024 19:16
 Operator : SY/MD
 Sample : P4436-17MS
 Misc : 5.69g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F40MS

Quant Time: Oct 24 01:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 24 01:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	329435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	70496	10.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.560%
7) Chloroethane-d5	2.905	69	76864	15.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
11) 1,1-Dichloroethene-d2	4.027	65	30484	11.324	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.280%
21) 2-Butanone-d5	7.075	46	57354	49.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.480%
24) Chloroform-d	7.654	84	243769	20.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	8.306	65	124213	20.285	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.120%
32) Benzene-d6	8.276	84	352502	18.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.760%
36) 1,2-Dichloropropane-d6	9.276	67	130341	23.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.324	98	274652	15.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.960%
43) trans-1,3-Dichloroprop...	10.574	79	44259	18.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	43318	59.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106021	25.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	88614	21.342	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71748	13.638	ug/L	95
3) Chloromethane	2.222	50	83985	13.735	ug/L	99
5) Vinyl chloride	2.375	62	109670	14.585	ug/L	98
6) Bromomethane	2.789	94	72335	14.615	ug/L	96
8) Chloroethane	2.936	64	73365	15.960	ug/L	100
9) Trichlorofluoromethane	3.271	101	99258	14.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92997	15.363	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	82065	14.855	ug/L	90
13) Acetone	4.118	43	44918	26.340	ug/L	96
14) Carbon disulfide	4.393	76	202390	11.219	ug/L	99
15) Methyl Acetate	4.673	43	30644	14.547	ug/L	98
16) Methylene chloride	4.923	84	95133	15.282	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	87409	14.663	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	146605	17.572	ug/L	99
19) 1,1-Dichloroethane	6.222	63	183511	16.563	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102390	16.103	ug/L	97
22) 2-Butanone	7.166	43	47035	25.588	ug/L	97
23) Bromochloromethane	7.520	128	42583	15.309	ug/L	95
25) Chloroform	7.679	83	196502	16.596	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120764	15.460	ug/L	100
29) Cyclohexane	7.959	56	123857	15.445	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	150532	17.213	ug/L	99
31) Carbon tetrachloride	8.075	117	128383	16.437	ug/L	99
33) Benzene	8.325	78	379237	17.690	ug/L	100
34) Trichloroethene	9.093	95	95607	16.030	ug/L	98
35) Methylcyclohexane	9.337	83	133542	14.227	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101283	18.916	ug/L	100
38) Bromodichloromethane	9.648	83	128931	18.099	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	135477	16.775	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95402	37.089	ug/L	99
42) Toluene	10.385	91	469234	20.516	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109540	16.141	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	68376	17.670	ug/L	97
46) Tetrachloroethene	10.861	164	58734	13.352	ug/L	98
48) 2-Hexanone	10.965	43	65065	30.931	ug/L	96
49) Dibromochloromethane	11.129	129	72477	16.786	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59231	16.404	ug/L	99
51) Chlorobenzene	11.653	112	224017	15.215	ug/L	98
52) Ethylbenzene	11.727	91	379070	14.525	ug/L	97
53) m,p-Xylene	11.836	106	138721	14.188	ug/L	99
54) o-Xylene	12.166	106	134611	14.892	ug/L	90
55) Styrene	12.178	104	226383	14.650	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	71918	16.481	ug/L	99
59) Bromoform	12.348	173	34852	20.215	ug/L	98
60) Isopropylbenzene	12.458	105	338467	17.811	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51170	21.429	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	248685	16.587	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	253846	17.293	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	130199	15.740	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	128497	15.045	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	119401	16.404	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	9715	18.247	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	67304	12.339	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	44766	10.195	ug/L	98
71) Naphthalene	15.360	128	92874	12.242	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	36682	9.636	ug/L	96

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

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