

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
 Data File : VW030672.D
 Acq On : 18 Oct 2024 18:16
 Operator : SY/MD
 Sample : P4429-17MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MS

Quant Time: Oct 19 00:30:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 19 00:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259078	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	123014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	64794	15.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
7) Chloroethane-d5	2.899	69	57899	18.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.120%
11) 1,1-Dichloroethene-d2	4.027	65	29173	17.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.880%
21) 2-Butanone-d5	7.081	46	37698	51.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.654	84	156418	21.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.440%
26) 1,2-Dichloroethane-d4	8.307	65	81939	21.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	8.276	84	276714	19.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.276	67	86681	20.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	10.325	98	253938	19.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.920%
43) trans-1,3-Dichloroprop...	10.581	79	34670	20.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.040%
47) 2-Hexanone-d5	10.922	63	28031	52.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77232	25.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	87010	20.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	66290	20.027	ug/L	93
3) Chloromethane	2.222	50	79562	20.681	ug/L	96
5) Vinyl chloride	2.375	62	106502	22.511	ug/L	99
6) Bromomethane	2.789	94	70545	22.654	ug/L	95
8) Chloroethane	2.936	64	69246	23.943	ug/L	98
9) Trichlorofluoromethane	3.271	101	99365	23.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85452	22.436	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75740	21.790	ug/L	92
13) Acetone	4.118	43	46258	43.114	ug/L	98
14) Carbon disulfide	4.387	76	226441	19.949	ug/L	99
15) Methyl Acetate	4.673	43	34234	25.830	ug/L	99
16) Methylene chloride	4.917	84	88652	22.634	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	84262	22.466	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	140014	26.673	ug/L	99
19) 1,1-Dichloroethane	6.222	63	166754	23.921	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94614	23.650	ug/L	91
22) 2-Butanone	7.173	43	50466	43.635	ug/L	100
23) Bromochloromethane	7.520	128	40373	23.068	ug/L #	94
25) Chloroform	7.679	83	179577	24.106	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118322	24.076	ug/L	98
29) Cyclohexane	7.959	56	136183	23.035	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	147854	22.933	ug/L	98
31) Carbon tetrachloride	8.069	117	128417	22.301	ug/L	99
33) Benzene	8.325	78	370998	23.473	ug/L	100
34) Trichloroethene	9.093	95	99181	22.556	ug/L	96
35) Methylcyclohexane	9.337	83	156411	22.603	ug/L	99
37) 1,2-Dichloropropane	9.368	63	95769	24.261	ug/L	99
38) Bromodichloromethane	9.642	83	124651	23.734	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	143143	24.041	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	101785	53.674	ug/L	98
42) Toluene	10.386	91	401939	23.837	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119223	23.828	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	70000	24.536	ug/L	93
46) Tetrachloroethene	10.861	164	71969	22.191	ug/L	92
48) 2-Hexanone	10.965	43	76427	49.282	ug/L	96
49) Dibromochloromethane	11.129	129	74952	23.546	ug/L	98
50) 1,2-Dibromoethane	11.233	107	65373	24.557	ug/L	92
51) Chlorobenzene	11.654	112	251464	23.167	ug/L	98
52) Ethylbenzene	11.727	91	459742	23.895	ug/L	96
53) m,p-Xylene	11.837	106	172680	23.956	ug/L	96
54) o-Xylene	12.166	106	163576	24.546	ug/L	88
55) Styrene	12.178	104	279150	24.503	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	83982	26.104	ug/L	99
59) Bromoform	12.349	173	40204	23.262	ug/L	99
60) Isopropylbenzene	12.465	105	466602	24.493	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	59425	24.825	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	372123	24.760	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	365765	24.856	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	200728	24.207	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	200002	23.359	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	176216	24.150	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12771	23.927	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	132995	24.322	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	105647	24.000	ug/L	99
71) Naphthalene	15.360	128	195931	25.763	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93944	24.617	ug/L	97

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

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