

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030754.D
 Acq On : 24 Oct 2024 19:06
 Operator : SY/MD
 Sample : P4493-02MS
 Misc : 4.80g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F31MS

Quant Time: Oct 25 01:47:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	410706	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271283	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	79820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69349	10.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.960%
7) Chloroethane-d5	2.899	69	77640	15.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.560%
11) 1,1-Dichloroethene-d2	4.021	65	30341	11.300	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.200%
21) 2-Butanone-d5	7.075	46	53891	46.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.780%
24) Chloroform-d	7.654	84	241032	20.521	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.080%
26) 1,2-Dichloroethane-d4	8.307	65	123156	20.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.640%
32) Benzene-d6	8.276	84	348511	22.134	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.520%
36) 1,2-Dichloropropane-d6	9.270	67	127749	27.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.560%
41) Toluene-d8	10.325	98	243742	16.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.840%
43) trans-1,3-Dichloroprop...	10.575	79	43883	22.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.922	63	41714	70.080	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.160%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97818	28.821	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	56852	21.050	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	81704	15.571	ug/L	94
3) Chloromethane	2.222	50	98401	16.135	ug/L	98
5) Vinyl chloride	2.375	62	126997	16.933	ug/L	94
6) Bromomethane	2.796	94	86358	17.494	ug/L	96
8) Chloroethane	2.936	64	84787	18.493	ug/L	98
9) Trichlorofluoromethane	3.271	101	124714	18.584	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	102862	17.037	ug/L	99
12) 1,1-Dichloroethene	4.045	96	94604	17.169	ug/L	89
13) Acetone	4.118	43	31203	18.345	ug/L	99
14) Carbon disulfide	4.387	76	192994	10.726	ug/L	100
15) Methyl Acetate	4.673	43	35411	16.854	ug/L	99
16) Methylene chloride	4.917	84	111296	17.925	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	100649	16.928	ug/L	92
18) Methyl tert-butyl Ether	5.435	73	181487	21.809	ug/L	99
19) 1,1-Dichloroethane	6.222	63	217429	19.675	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	120224	18.957	ug/L	95
22) 2-Butanone	7.173	43	50702	27.654	ug/L	97
23) Bromochloromethane	7.514	128	49069	17.686	ug/L #	81
25) Chloroform	7.673	83	226797	19.205	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137998	17.713	ug/L	100
29) Cyclohexane	7.959	56	132642	20.086	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	180979	25.131	ug/L	98
31) Carbon tetrachloride	8.069	117	146664	22.802	ug/L	98
33) Benzene	8.325	78	435747	24.683	ug/L	100
34) Trichloroethene	9.093	95	107627	21.914	ug/L	98
35) Methylcyclohexane	9.337	83	128282	16.597	ug/L	98
37) 1,2-Dichloropropane	9.368	63	113077	25.646	ug/L	100
38) Bromodichloromethane	9.642	83	145867	24.866	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	153572	23.091	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	113131	53.409	ug/L	99
42) Toluene	10.386	91	412228	21.887	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	123788	22.150	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76806	24.103	ug/L	98
46) Tetrachloroethene	10.861	164	57515	15.877	ug/L	94
48) 2-Hexanone	10.965	43	80295	46.354	ug/L	96
49) Dibromochloromethane	11.129	129	80401	22.612	ug/L	96
50) 1,2-Dibromoethane	11.233	107	67229	22.610	ug/L	96
51) Chlorobenzene	11.654	112	219316	18.089	ug/L	98
52) Ethylbenzene	11.727	91	358248	16.670	ug/L	100
53) m,p-Xylene	11.837	106	127640	15.853	ug/L	90
54) o-Xylene	12.166	106	128246	17.229	ug/L	95
55) Styrene	12.178	104	198360	15.588	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	73095	20.341	ug/L	92
59) Bromoform	12.349	173	40402	36.027	ug/L	97
60) Isopropylbenzene	12.458	105	285825	23.123	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55796	35.923	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	185113	18.982	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	184432	19.316	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	99108	18.420	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	99203	17.856	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	88154	18.619	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	9858	28.464	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	35660	10.051	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	25659	8.983	ug/L	99
71) Naphthalene	15.360	128	67572	13.693	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	21345	8.620	ug/L	97

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

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