

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031410.D
 Acq On : 20 Dec 2024 02:32
 Operator : SY/MD
 Sample : P5302-05MSD
 Misc : 3.81g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AR6MSD

Quant Time: Dec 20 04:12:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	902101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	730682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	317848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	208544	15.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.440%
7) Chloroethane-d5	2.893	69	172648	17.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
11) 1,1-Dichloroethene-d2	4.015	65	92439	14.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.440%
21) 2-Butanone-d5	7.100	46	56228	21.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	44.000%
24) Chloroform-d	7.648	84	400773	16.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.840%
26) 1,2-Dichloroethane-d4	8.307	65	213058	17.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.640%#
32) Benzene-d6	8.276	84	768847	16.417	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.680%
36) 1,2-Dichloropropane-d6	9.270	67	237957	17.434	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.720%#
41) Toluene-d8	10.319	98	685802	15.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.960%
43) trans-1,3-Dichloroprop...	10.575	79	75130	11.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	47.760%
47) 2-Hexanone-d5	10.922	63	42652	23.236	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160531	18.732	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	190893	16.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	105090	12.890	ug/L	95
3) Chloromethane	2.216	50	102484	11.189	ug/L	95
5) Vinyl chloride	2.369	62	165668	13.052	ug/L	99
6) Bromomethane	2.789	94	90233	11.563	ug/L	96
8) Chloroethane	2.930	64	111506	14.772	ug/L	100
9) Trichlorofluoromethane	3.265	101	167177	12.363	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	147117	13.473	ug/L	97
12) 1,1-Dichloroethene	4.039	96	136286	12.324	ug/L	99
13) Acetone	4.173	43	49586	13.929	ug/L #	100
14) Carbon disulfide	4.387	76	327619	9.084	ug/L	99
15) Methyl Acetate	4.685	43	43410	10.736	ug/L	100
16) Methylene chloride	4.917	84	164632	14.505	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	151197	12.684	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	310652	15.588	ug/L	99
19) 1,1-Dichloroethane	6.216	63	311165	13.969	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	180039	13.959	ug/L	97
22) 2-Butanone	7.191	43	79152	18.350	ug/L	96
23) Bromochloromethane	7.514	128	79073	15.372	ug/L	93
25) Chloroform	7.673	83	324227	14.748	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	213644	15.457	ug/L	100
29) Cyclohexane	7.953	56	228666	11.540	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	246840	13.070	ug/L	98
31) Carbon tetrachloride	8.069	117	201570	11.980	ug/L	97
33) Benzene	8.319	78	647208	14.333	ug/L	100
34) Trichloroethene	9.093	95	167294	13.123	ug/L	94
35) Methylcyclohexane	9.331	83	254619	11.469	ug/L	97
37) 1,2-Dichloropropane	9.368	63	174590	15.499	ug/L	100
38) Bromodichloromethane	9.642	83	207156	14.146	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	219444	11.528	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	176725	29.571	ug/L	98
42) Toluene	10.386	91	680445	13.841	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	183806	11.826	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	127992	17.083	ug/L	95
46) Tetrachloroethene	10.855	164	111823	11.975	ug/L	92
48) 2-Hexanone	10.965	43	114439	22.515	ug/L	97
49) Dibromochloromethane	11.129	129	127615	14.369	ug/L	88
50) 1,2-Dibromoethane	11.233	107	107584	15.157	ug/L	94
51) Chlorobenzene	11.654	112	425404	13.801	ug/L	94
52) Ethylbenzene	11.727	91	738939	12.969	ug/L	95
53) m,p-Xylene	11.837	106	283330	13.062	ug/L	97
54) o-Xylene	12.160	106	281109	13.751	ug/L	97
55) Styrene	12.178	104	451693	13.284	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	138696	17.172	ug/L	99
59) Bromoform	12.349	173	61612	13.798	ug/L	98
60) Isopropylbenzene	12.458	105	719276	13.828	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	101627	18.685	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	583037	13.221	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	583931	13.700	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	290243	13.773	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	292292	13.998	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	276842	15.246	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	20740	15.026	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	193065	13.081	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	156119	12.716	ug/L	97
71) Naphthalene	15.360	128	325144	15.105	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132801	13.425	ug/L	96

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

