

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
 Data File : VW029067.D
 Acq On : 07 Jun 2024 17:05
 Operator : SY/MD
 Sample : P2776-03MSD
 Misc : 5.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4CY6MSD

Quant Time: Jun 07 23:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 23:05:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	467327	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	333591	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	155939	21.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.899	69	122969	21.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.021	65	67902	20.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	7.075	46	84097	55.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.880%
24) Chloroform-d	7.648	84	300926	22.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	8.307	65	165892	23.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.520%
32) Benzene-d6	8.276	84	594472	29.034	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.120%
36) 1,2-Dichloropropane-d6	9.270	67	182188	29.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.400%
41) Toluene-d8	10.318	98	460244	25.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.760%
43) trans-1,3-Dichloroprop...	10.575	79	54306	22.766	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.080%
47) 2-Hexanone-d5	10.922	63	49563	60.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116373	26.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78045	21.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83492	15.646	ug/L	95
3) Chloromethane	2.222	50	116634	17.890	ug/L	100
5) Vinyl chloride	2.375	62	137921	17.477	ug/L	100
6) Bromomethane	2.789	94	64906	13.727	ug/L	96
8) Chloroethane	2.936	64	83383	17.496	ug/L	97
9) Trichlorofluoromethane	3.271	101	111674	17.024	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95303	14.724	ug/L	99
12) 1,1-Dichloroethene	4.045	96	106975	18.110	ug/L	96
13) Acetone	4.118	43	41839	26.320	ug/L	100
14) Carbon disulfide	4.393	76	304644	15.233	ug/L	99
15) Methyl Acetate	4.673	43	42705	16.175	ug/L	98
16) Methylene chloride	4.923	84	131937	18.811	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	117049	18.174	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	196877	21.921	ug/L	100
19) 1,1-Dichloroethane	6.216	63	242885	19.182	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	127853	18.935	ug/L	99
22) 2-Butanone	7.173	43	69674	36.374	ug/L	99
23) Bromochloromethane	7.514	128	55920	18.973	ug/L	95
25) Chloroform	7.673	83	231074	18.789	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	159317	19.331	ug/L	99
29) Cyclohexane	7.959	56	142425	17.172	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	174914	22.630	ug/L	99
31) Carbon tetrachloride	8.069	117	143733	20.416	ug/L	96
33) Benzene	8.325	78	496775	23.949	ug/L	100
34) Trichloroethene	9.093	95	113701	20.850	ug/L	83
35) Methylcyclohexane	9.337	83	104983	11.348	ug/L	98
37) 1,2-Dichloropropane	9.367	63	132374	24.370	ug/L	100
38) Bromodichloromethane	9.648	83	153667	23.196	ug/L #	98
39) cis-1,3-Dichloropropene	10.069	75	148545	18.817	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	147366	53.338	ug/L	99
42) Toluene	10.386	91	455606	21.501	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	121326	19.064	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	87706	23.908	ug/L	99
46) Tetrachloroethene	10.861	164	68139	16.446	ug/L	93
48) 2-Hexanone	10.965	43	89946	43.422	ug/L	98
49) Dibromochloromethane	11.123	129	86830	22.409	ug/L	97
50) 1,2-Dibromoethane	11.233	107	76626	22.881	ug/L	93
51) Chlorobenzene	11.654	112	247597	18.190	ug/L	98
52) Ethylbenzene	11.727	91	429922	17.857	ug/L	99
53) m,p-Xylene	11.836	106	155639	17.453	ug/L	91
54) o-Xylene	12.166	106	146559	17.749	ug/L	99
55) Styrene	12.178	104	228156	16.027	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	89507	21.613	ug/L	96
59) Bromoform	12.349	173	44713	33.799	ug/L	99
60) Isopropylbenzene	12.458	105	330922	22.729	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71893	37.047	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	215606	20.360	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	232831	20.805	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	113684	18.170	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	111767	17.103	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	100489	17.919	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12646	30.574	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	45040	10.484	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	32146	9.233	ug/L	98
71) Naphthalene	15.360	128	82417	13.893	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	26562	8.929	ug/L	96

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

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