

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029459.D
 Acq On : 02 Jul 2024 21:06
 Operator : SY/MD
 Sample : P3139-03MSD
 Misc : 5.22g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MSD

Quant Time: Jul 03 05:48:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	262747	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	149643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	31400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83603	22.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
7) Chloroethane-d5	2.899	69	77792	25.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.320%
11) 1,1-Dichloroethene-d2	4.021	65	40732	23.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.800%
21) 2-Butanone-d5	7.075	46	52658	48.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
24) Chloroform-d	7.648	84	198038	25.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	8.307	65	108599	24.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.276	84	348263	38.316	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.280%#
36) 1,2-Dichloropropane-d6	9.270	67	120229	41.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.440%#
41) Toluene-d8	10.319	98	248667	30.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.680%
43) trans-1,3-Dichloroprop...	10.575	79	20066	17.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.920%
47) 2-Hexanone-d5	10.922	63	16661	36.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60255	26.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	25457	23.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	36993	14.431	ug/L	97
3) Chloromethane	2.222	50	55583	15.207	ug/L	99
5) Vinyl chloride	2.375	62	64314	15.322	ug/L	99
6) Bromomethane	2.789	94	29035	11.509	ug/L	99
8) Chloroethane	2.936	64	44002	17.139	ug/L	97
9) Trichlorofluoromethane	3.265	101	65139	20.017	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	51915	14.469	ug/L	96
12) 1,1-Dichloroethene	4.045	96	50573	16.611	ug/L	93
13) Acetone	4.125	43	24627	26.634	ug/L	99
14) Carbon disulfide	4.393	76	99676	10.029	ug/L	99
15) Methyl Acetate	4.679	43	16533	9.007	ug/L	98
16) Methylene chloride	4.923	84	65959	14.277	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	45715	13.521	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	118576	21.921	ug/L	98
19) 1,1-Dichloroethane	6.216	63	137698	18.857	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	56199	15.073	ug/L	97
22) 2-Butanone	7.167	43	34551	27.259	ug/L	99
23) Bromochloromethane	7.514	128	26807	16.151	ug/L	98
25) Chloroform	7.679	83	129381	18.145	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	84498	16.068	ug/L	100
29) Cyclohexane	7.959	56	71159	20.801	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	97710	29.364	ug/L	97
31) Carbon tetrachloride	8.069	117	78816	25.928	ug/L	95
33) Benzene	8.325	78	241207	26.827	ug/L	100
34) Trichloroethene	9.093	95	50827	21.188	ug/L	93
35) Methylcyclohexane	9.331	83	54198	14.366	ug/L	98
37) 1,2-Dichloropropane	9.367	63	72039	28.513	ug/L	99
38) Bromodichloromethane	9.642	83	79699	25.800	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	49216	13.780	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	58842	37.576	ug/L	99
42) Toluene	10.386	91	197264	21.341	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	35341	11.719	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	42898	24.379	ug/L	97
46) Tetrachloroethene	10.861	164	28162	16.794	ug/L	90
48) 2-Hexanone	10.965	43	27510	24.758	ug/L	99
49) Dibromochloromethane	11.123	129	40415	21.972	ug/L	96
50) 1,2-Dibromoethane	11.233	107	30721	19.449	ug/L	91
51) Chlorobenzene	11.654	112	88111	14.679	ug/L	97
52) Ethylbenzene	11.727	91	171033	16.301	ug/L	97
53) m,p-Xylene	11.837	106	57421	14.983	ug/L	92
54) o-Xylene	12.160	106	57127	15.949	ug/L	94
55) Styrene	12.178	104	67605	10.825	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	39464	18.131	ug/L	99
59) Bromoform	12.349	173	17648	41.008	ug/L	96
60) Isopropylbenzene	12.458	105	134805	32.220	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	32305	47.168	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	71746	23.678	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	69594	21.347	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	29179	16.116	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	29429	15.276	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	26406	15.776	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	5087	31.828	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	10553	8.636	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	6408	6.469	ug/L	98
71) Naphthalene	15.360	128	13445	6.877	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	4886	5.413	ug/L	95

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

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