

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062624\
 Data File : VW029363.D
 Acq On : 26 Jun 2024 18:12
 Operator : SY/MD
 Sample : P3080-08MS
 Misc : 7.04g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCL44MS

Quant Time: Jun 27 05:39:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	414131	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	367479	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	145838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	92367	16.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.440%
7) Chloroethane-d5	2.893	69	80807	16.694	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
11) 1,1-Dichloroethene-d2	4.021	65	47822	17.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.120%
21) 2-Butanone-d5	7.075	46	105390	61.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.900%
24) Chloroform-d	7.648	84	251720	20.376	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.307	65	149910	21.135	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.270	84	461765	20.688	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.270	67	156068	21.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.000%
41) Toluene-d8	10.319	98	397818	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.560%
43) trans-1,3-Dichloroprop...	10.575	79	64567	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.922	63	79109	71.124	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146328	25.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	110581	21.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72980	18.063	ug/L	99
3) Chloromethane	2.223	50	104510	18.141	ug/L	96
5) Vinyl chloride	2.375	62	121123	18.308	ug/L	98
6) Bromomethane	2.789	94	70706	17.781	ug/L	94
8) Chloroethane	2.930	64	79691	19.693	ug/L	98
9) Trichlorofluoromethane	3.265	101	112185	21.872	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	109222	19.313	ug/L #	90
12) 1,1-Dichloroethene	4.051	96	105275	21.939	ug/L	76
13) Acetone	4.119	43	115625	79.336	ug/L	97
14) Carbon disulfide	4.393	76	295645	18.873	ug/L	100
15) Methyl Acetate	4.667	43	84075	29.059	ug/L	99
16) Methylene chloride	4.917	84	146064	20.058	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	118705	22.275	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	237614	27.870	ug/L	98
19) 1,1-Dichloroethane	6.216	63	259989	22.589	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	136837	23.286	ug/L	99
22) 2-Butanone	7.167	43	116619	58.373	ug/L	97
23) Bromochloromethane	7.514	128	61607	23.550	ug/L	95
25) Chloroform	7.673	83	256016	22.780	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	191799	23.139	ug/L	99
29) Cyclohexane	7.953	56	179768	21.399	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	191831	23.476	ug/L	97
31) Carbon tetrachloride	8.069	117	169605	22.721	ug/L	97
33) Benzene	8.325	78	522293	23.654	ug/L	100
34) Trichloroethene	9.093	95	131402	22.306	ug/L	97
35) Methylcyclohexane	9.337	83	167570	18.088	ug/L	97
37) 1,2-Dichloropropane	9.368	63	153078	24.673	ug/L	98
38) Bromodichloromethane	9.642	83	187656	24.738	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	227803	25.974	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	272959	70.981	ug/L	98
42) Toluene	10.386	91	543232	23.932	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	196129	26.484	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	117353	27.158	ug/L	97
46) Tetrachloroethene	10.861	164	97319	23.633	ug/L	90
48) 2-Hexanone	10.965	43	195597	71.682	ug/L	98
49) Dibromochloromethane	11.123	129	119104	26.368	ug/L	88
50) 1,2-Dibromoethane	11.233	107	107700	27.766	ug/L	99
51) Chlorobenzene	11.654	112	319283	21.661	ug/L	99
52) Ethylbenzene	11.727	91	570969	22.159	ug/L	93
53) m,p-Xylene	11.837	106	209230	22.231	ug/L	96
54) o-Xylene	12.160	106	208349	23.687	ug/L	97
55) Styrene	12.178	104	321120	20.939	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	148656	27.812	ug/L	96
59) Bromoform	12.349	173	66905	33.473	ug/L	99
60) Isopropylbenzene	12.458	105	515024	26.503	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	113208	35.589	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360719	25.631	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	394861	26.077	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	198827	23.643	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	207420	23.182	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	191341	24.612	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	24891	33.531	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	92670	16.328	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	76528	16.634	ug/L	99
71) Naphthalene	15.360	128	224359	24.708	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	70787	16.886	ug/L	98

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

