

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061124\
 Data File : VW029097.D
 Acq On : 11 Jun 2024 14:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025500

Quant Time: Jun 12 00:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 12 00:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	314013	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	292493	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96060	19.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.040%
7) Chloroethane-d5	2.899	69	79391	20.725	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
11) 1,1-Dichloroethene-d2	4.021	65	44997	20.522	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	7.075	46	61104	59.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.900%
24) Chloroform-d	7.648	84	211704	23.632	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.307	65	113689	24.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	8.276	84	412500	22.977	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	9.276	67	131165	24.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.319	98	371364	23.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	48921	23.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.560%
47) 2-Hexanone-d5	10.922	63	43843	61.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.080%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103072	27.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	123294	23.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	66533	18.555	ug/L	96
3) Chloromethane	2.223	50	96084	21.934	ug/L	98
5) Vinyl chloride	2.375	62	112394	21.196	ug/L	99
6) Bromomethane	2.790	94	70087	22.060	ug/L	98
8) Chloroethane	2.936	64	72844	22.747	ug/L	96
9) Trichlorofluoromethane	3.271	101	89835	20.381	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96462	22.179	ug/L	97
12) 1,1-Dichloroethene	4.045	96	95424	24.041	ug/L	97
13) Acetone	4.125	43	57389	53.729	ug/L	99
14) Carbon disulfide	4.393	76	304624	22.669	ug/L	100
15) Methyl Acetate	4.667	43	52252	29.454	ug/L	95
16) Methylene chloride	4.923	84	112669	23.907	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	107759	24.900	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	170743	28.293	ug/L	99
19) 1,1-Dichloroethane	6.222	63	214617	25.225	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	117599	25.920	ug/L	95
22) 2-Butanone	7.167	43	71541	55.584	ug/L	99
23) Bromochloromethane	7.514	128	50950	25.726	ug/L	97
25) Chloroform	7.679	83	211296	25.569	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144666	26.123	ug/L	99
29) Cyclohexane	7.959	56	172284	23.690	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	164420	24.261	ug/L	99
31) Carbon tetrachloride	8.069	117	146904	23.798	ug/L	99
33) Benzene	8.325	78	466592	25.655	ug/L	100
34) Trichloroethene	9.093	95	118084	24.696	ug/L	91
35) Methylcyclohexane	9.331	83	188449	23.233	ug/L	98
37) 1,2-Dichloropropane	9.368	63	125712	26.395	ug/L	100
38) Bromodichloromethane	9.642	83	147186	25.340	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	182190	26.322	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148766	61.411	ug/L	99
42) Toluene	10.386	91	489955	26.371	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	152328	27.299	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	85275	26.511	ug/L	96
46) Tetrachloroethene	10.861	164	84720	23.321	ug/L	88
48) 2-Hexanone	10.965	43	110342	60.752	ug/L	98
49) Dibromochloromethane	11.123	129	91018	26.791	ug/L	96
50) 1,2-Dibromoethane	11.233	107	78235	26.644	ug/L	99
51) Chlorobenzene	11.654	112	304522	25.515	ug/L	97
52) Ethylbenzene	11.727	91	560771	26.565	ug/L	97
53) m,p-Xylene	11.837	106	211941	27.106	ug/L	91
54) o-Xylene	12.160	106	196599	27.155	ug/L	99
55) Styrene	12.178	104	339592	27.207	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	101340	27.909	ug/L	95
59) Bromoform	12.349	173	49586	26.400	ug/L	98
60) Isopropylbenzene	12.459	105	548201	26.519	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	74444	27.019	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	399643	26.581	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	437130	27.511	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	228596	25.733	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	233230	25.138	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	208723	26.215	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.477	75	16094	27.406	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	156260	25.619	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	128509	25.996	ug/L	100
71) Naphthalene	15.360	128	257640	30.589	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	116154	27.502	ug/L	99

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

