

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030906.D
 Acq On : 04 Nov 2024 14:36
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Nov 05 00:32:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:26:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	458258	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	420429	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	204380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182136	24.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
7) Chloroethane-d5	2.899	69	145213	25.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.760%
11) 1,1-Dichloroethene-d2	4.015	65	79282	25.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.240%
21) 2-Butanone-d5	7.081	46	65822	53.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.440%
24) Chloroform-d	7.648	84	369371	27.341	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	8.301	65	180177	26.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.280%
32) Benzene-d6	8.270	84	715689	27.401	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.600%
36) 1,2-Dichloropropane-d6	9.270	67	206059	26.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.040%
41) Toluene-d8	10.319	98	666189	28.436	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.760%
43) trans-1,3-Dichloroprop...	10.575	79	85387	27.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.440%
47) 2-Hexanone-d5	10.922	63	56586	56.706	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	141868	26.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	195415	26.249	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	117705	24.114	ug/L	92
3) Chloromethane	2.222	50	157895	24.006	ug/L	99
5) Vinyl chloride	2.375	62	180204	23.118	ug/L	96
6) Bromomethane	2.789	94	116815	22.823	ug/L	92
8) Chloroethane	2.930	64	111668	23.631	ug/L	97
9) Trichlorofluoromethane	3.265	101	156166	21.952	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	146474	22.366	ug/L	89
12) 1,1-Dichloroethene	4.045	96	147041	24.824	ug/L	93
13) Acetone	4.125	43	76071	50.358	ug/L	99
14) Carbon disulfide	4.387	76	474567	24.372	ug/L	100
15) Methyl Acetate	4.667	43	52664	23.768	ug/L	99
16) Methylene chloride	4.917	84	153651	23.717	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	167185	25.728	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	220624	25.155	ug/L #	92
19) 1,1-Dichloroethane	6.216	63	302321	24.932	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	179277	26.006	ug/L	97
22) 2-Butanone	7.173	43	87247	51.574	ug/L	99
23) Bromochloromethane	7.514	128	75323	24.950	ug/L	93
25) Chloroform	7.673	83	312676	24.507	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192401	24.214	ug/L	96
29) Cyclohexane	7.953	56	265232	26.325	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	255447	23.653	ug/L	99
31) Carbon tetrachloride	8.063	117	232650	23.974	ug/L	99
33) Benzene	8.319	78	674880	24.904	ug/L	100
34) Trichloroethene	9.087	95	181852	24.336	ug/L	97
35) Methylcyclohexane	9.331	83	303536	25.629	ug/L	97
37) 1,2-Dichloropropane	9.361	63	165117	24.381	ug/L	99
38) Bromodichloromethane	9.642	83	215091	24.184	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	260763	25.739	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	155472	50.198	ug/L	99
42) Toluene	10.386	91	733441	25.559	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	213364	25.351	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	118676	24.413	ug/L	97
46) Tetrachloroethene	10.861	164	136672	23.925	ug/L	85
48) 2-Hexanone	10.965	43	126519	53.693	ug/L	97
49) Dibromochloromethane	11.123	129	131108	24.737	ug/L	90
50) 1,2-Dibromoethane	11.233	107	111651	24.906	ug/L	100
51) Chlorobenzene	11.654	112	450369	24.523	ug/L	94
52) Ethylbenzene	11.727	91	823933	25.411	ug/L	99
53) m,p-Xylene	11.837	106	323926	26.563	ug/L	100
54) o-Xylene	12.160	106	294844	26.276	ug/L	90
55) Styrene	12.178	104	488442	25.477	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.708	83	129601	24.430	ug/L	99
59) Bromoform	12.343	173	69868	23.941	ug/L	97
60) Isopropylbenzene	12.458	105	823434	26.413	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90671	23.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	671804	27.369	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	667862	27.939	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	344444	25.162	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	348612	24.806	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	309615	25.378	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	19812	24.422	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	238763	26.284	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	190880	26.463	ug/L	97
71) Naphthalene	15.360	128	330877	28.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	164016	26.385	ug/L	96

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

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