

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110524\
 Data File : VW030927.D
 Acq On : 05 Nov 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Nov 06 00:08:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:39:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	470685	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	432388	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204519	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	190168	24.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.520%
7) Chloroethane-d5	2.899	69	149621	25.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	4.021	65	84020	26.377	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.520%
21) 2-Butanone-d5	7.081	46	68564	53.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.940%
24) Chloroform-d	7.648	84	387746	27.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.760%
26) 1,2-Dichloroethane-d4	8.300	65	187092	27.118	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.480%
32) Benzene-d6	8.270	84	760610	28.315	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.280%
36) 1,2-Dichloropropane-d6	9.270	67	216235	27.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.240%
41) Toluene-d8	10.318	98	704896	29.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.040%
43) trans-1,3-Dichloroprop...	10.574	79	86896	27.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.280%
47) 2-Hexanone-d5	10.922	63	56962	55.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149289	27.060	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	211595	28.403	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	120949	24.124	ug/L	97
3) Chloromethane	2.222	50	164648	24.372	ug/L	100
5) Vinyl chloride	2.375	62	194464	24.288	ug/L	93
6) Bromomethane	2.789	94	125200	23.816	ug/L	95
8) Chloroethane	2.936	64	117179	24.142	ug/L	98
9) Trichlorofluoromethane	3.265	101	165233	22.614	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	170965	25.416	ug/L #	77
12) 1,1-Dichloroethene	4.039	96	162628	26.731	ug/L	92
13) Acetone	4.131	43	77182	49.744	ug/L	98
14) Carbon disulfide	4.387	76	522734	26.137	ug/L	99
15) Methyl Acetate	4.673	43	57091	25.085	ug/L	100
16) Methylene chloride	4.917	84	166703	25.052	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	178256	26.708	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	229832	25.513	ug/L	99
19) 1,1-Dichloroethane	6.215	63	324598	26.062	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	187660	26.504	ug/L	97
22) 2-Butanone	7.173	43	92358	53.154	ug/L	99
23) Bromochloromethane	7.514	128	80461	25.948	ug/L	96
25) Chloroform	7.679	83	335237	25.581	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	199001	24.383	ug/L	100
29) Cyclohexane	7.953	56	280802	27.099	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	272310	24.517	ug/L	99
31) Carbon tetrachloride	8.069	117	251854	25.235	ug/L	99
33) Benzene	8.325	78	729778	26.186	ug/L	100
34) Trichloroethene	9.087	95	195714	25.467	ug/L	90
35) Methylcyclohexane	9.331	83	331081	27.182	ug/L	98
37) 1,2-Dichloropropane	9.361	63	179275	25.739	ug/L	99
38) Bromodichloromethane	9.642	83	229717	25.114	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	280191	26.891	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	161132	50.586	ug/L	99
42) Toluene	10.385	91	784232	26.573	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	224769	25.967	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	125350	25.073	ug/L	98
46) Tetrachloroethene	10.861	164	152135	25.895	ug/L	92
48) 2-Hexanone	10.965	43	130258	53.751	ug/L	97
49) Dibromochloromethane	11.123	129	138421	25.394	ug/L	94
50) 1,2-Dibromoethane	11.233	107	117356	25.454	ug/L	100
51) Chlorobenzene	11.654	112	489154	25.898	ug/L	98
52) Ethylbenzene	11.727	91	897156	26.904	ug/L	95
53) m,p-Xylene	11.836	106	333913	26.624	ug/L	97
54) o-Xylene	12.166	106	308103	26.698	ug/L	97
55) Styrene	12.178	104	542023	27.490	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	132671	24.317	ug/L	98
59) Bromoform	12.342	173	75358	25.804	ug/L	98
60) Isopropylbenzene	12.458	105	877025	28.112	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	94060	24.531	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	717466	29.209	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	683896	28.590	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	380088	27.747	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	371080	26.387	ug/L	98
67) 1,2-Dichlorobenzene	13.860	146	316439	25.919	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	19713	24.284	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	231817	25.502	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	189564	26.263	ug/L	99
71) Naphthalene	15.354	128	318968	27.260	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	170075	27.341	ug/L	92

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

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