

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031412.D
 Acq On : 20 Dec 2024 03:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Dec 20 04:13:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 03:08:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	544743	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	165207	20.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.640%
7) Chloroethane-d5	2.899	69	135609	22.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.021	65	72037	18.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.100	46	79906	51.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
24) Chloroform-d	7.648	84	339793	22.766	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.080%
26) 1,2-Dichloroethane-d4	8.301	65	184246	24.580	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.320%
32) Benzene-d6	8.270	84	648881	20.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.760%
36) 1,2-Dichloropropane-d6	9.270	67	197085	21.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	10.319	98	594519	20.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.520%
43) trans-1,3-Dichloroprop...	10.575	79	79377	18.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	62238	50.631	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152918	26.645	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	196193	22.189	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.760%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	101401	20.597	ug/L	98
3) Chloromethane	2.216	50	122438	22.137	ug/L	98
5) Vinyl chloride	2.369	62	179659	23.440	ug/L	95
6) Bromomethane	2.789	94	118986	25.250	ug/L	97
8) Chloroethane	2.930	64	119294	26.171	ug/L	98
9) Trichlorofluoromethane	3.265	101	163443	20.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	153657	23.304	ug/L	98
12) 1,1-Dichloroethene	4.039	96	150947	22.603	ug/L	95
13) Acetone	4.161	43	64734	30.114	ug/L	# 100
14) Carbon disulfide	4.381	76	408112	18.738	ug/L	99
15) Methyl Acetate	4.685	43	63095	25.842	ug/L	98
16) Methylene chloride	4.917	84	167561	24.447	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	169590	23.559	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	309490	25.718	ug/L	99
19) 1,1-Dichloroethane	6.216	63	323322	24.036	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	191657	24.608	ug/L	99
22) 2-Butanone	7.191	43	91232	35.026	ug/L	96
23) Bromochloromethane	7.514	128	82575	26.584	ug/L	92
25) Chloroform	7.679	83	337668	25.435	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	223634	26.794	ug/L	100
29) Cyclohexane	7.953	56	256305	19.314	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	267495	21.150	ug/L	99
31) Carbon tetrachloride	8.069	117	229932	20.406	ug/L	99
33) Benzene	8.325	78	711996	23.546	ug/L	100
34) Trichloroethene	9.087	95	196856	23.059	ug/L	94
35) Methylcyclohexane	9.331	83	303634	20.423	ug/L	97
37) 1,2-Dichloropropane	9.368	63	183018	24.261	ug/L	100
38) Bromodichloromethane	9.642	83	235261	23.989	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	286433	22.470	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	203238	50.781	ug/L	99
42) Toluene	10.386	91	786397	23.886	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	235720	22.647	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	136672	27.238	ug/L	96
46) Tetrachloroethene	10.861	164	145106	23.204	ug/L	97
48) 2-Hexanone	10.965	43	136955	40.235	ug/L	100
49) Dibromochloromethane	11.123	129	144129	24.233	ug/L	100
50) 1,2-Dibromoethane	11.233	107	126269	26.565	ug/L	94
51) Chlorobenzene	11.654	112	508201	24.620	ug/L	98
52) Ethylbenzene	11.727	91	895019	23.456	ug/L	97
53) m,p-Xylene	11.837	106	339943	23.403	ug/L	98
54) o-Xylene	12.160	106	330946	24.175	ug/L	97
55) Styrene	12.172	104	563954	24.766	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	155384	28.727	ug/L	99
59) Bromoform	12.349	173	76783	22.948	ug/L	99
60) Isopropylbenzene	12.458	105	898513	23.053	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	113295	27.799	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	775800	23.477	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	755295	23.649	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	389671	24.676	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	381272	24.368	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	345143	25.366	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	24920	24.095	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	259490	23.463	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	219591	23.869	ug/L	100
71) Naphthalene	15.360	128	452292	28.041	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	204970	27.652	ug/L	99

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

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