

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032124\
 Data File : VW028221.D
 Acq On : 21 Mar 2024 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Mar 22 01:27:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 21 01:12:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	211140	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	194628	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	51504	20.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.400%
7) Chloroethane-d5	2.905	69	39546	22.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.640%
11) 1,1-Dichloroethene-d2	4.021	65	35785	22.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.087	46	29595	40.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.240%
24) Chloroform-d	7.654	84	158123	25.397	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	8.307	65	82130	23.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.760%
32) Benzene-d6	8.276	84	300741	25.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	9.276	67	85361	24.962	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	10.318	98	274369	25.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.120%
43) trans-1,3-Dichloroprop...	10.581	79	35948	23.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.922	63	23935	42.345	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57682	22.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	91032	24.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	60593	19.783	ug/L	95
3) Chloromethane	2.222	50	44476	20.473	ug/L	99
5) Vinyl chloride	2.375	62	55281	22.512	ug/L	98
6) Bromomethane	2.795	94	33704	23.047	ug/L	92
8) Chloroethane	2.936	64	30557	23.152	ug/L	100
9) Trichlorofluoromethane	3.277	101	79744	26.860	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	68415	23.196	ug/L	97
12) 1,1-Dichloroethene	4.051	96	66225	24.289	ug/L	86
13) Acetone	4.143	43	29978	37.055	ug/L	100
14) Carbon disulfide	4.393	76	197150	23.184	ug/L	100
15) Methyl Acetate	4.679	43	23124	18.556	ug/L	100
16) Methylene chloride	4.923	84	66907	20.820	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	68561	23.662	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	98829	22.607	ug/L	100
19) 1,1-Dichloroethane	6.222	63	133895	23.869	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	74532	23.817	ug/L	99
22) 2-Butanone	7.179	43	34480	37.538	ug/L	98
23) Bromochloromethane	7.520	128	31564	22.815	ug/L	93
25) Chloroform	7.679	83	136958	23.716	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	90748	22.252	ug/L	97
29) Cyclohexane	7.959	56	120834	23.803	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	124799	24.462	ug/L	98
31) Carbon tetrachloride	8.075	117	117531	24.560	ug/L	96
33) Benzene	8.325	78	286092	23.888	ug/L	100
34) Trichloroethene	9.093	95	81537	24.402	ug/L	97
35) Methylcyclohexane	9.337	83	133148	23.575	ug/L	99
37) 1,2-Dichloropropane	9.367	63	71490	23.337	ug/L	100
38) Bromodichloromethane	9.648	83	97338	23.568	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	114275	23.293	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	64126	37.924	ug/L	97
42) Toluene	10.386	91	316581	24.220	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	93305	22.527	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	49128	22.197	ug/L	99
46) Tetrachloroethene	10.861	164	64217	23.842	ug/L	97
48) 2-Hexanone	10.965	43	49903	37.675	ug/L	98
49) Dibromochloromethane	11.129	129	58048	22.145	ug/L	97
50) 1,2-Dibromoethane	11.233	107	45142	21.330	ug/L	97
51) Chlorobenzene	11.654	112	197342	23.786	ug/L	97
52) Ethylbenzene	11.727	91	363836	23.845	ug/L	98
53) m,p-Xylene	11.836	106	136826	23.829	ug/L	90
54) o-Xylene	12.166	106	131849	24.762	ug/L	97
55) Styrene	12.178	104	221287	24.194	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	53215	21.020	ug/L	93
59) Bromoform	12.349	173	33001	22.014	ug/L	99
60) Isopropylbenzene	12.458	105	379767	25.550	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	38996	20.424	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	252536	25.321	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	299952	24.908	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162114	24.447	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	160733	24.240	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	138061	24.177	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	8424	18.782	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	117455	25.428	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	91674	23.362	ug/L	98
71) Naphthalene	15.360	128	147250	21.863	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	76369	23.608	ug/L	99

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

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