

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032024\
 Data File : VW028211.D
 Acq On : 20 Mar 2024 11:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Mar 21 01:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 18 01:23:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	198735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178892	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	97631	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	50576	21.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.000%
7) Chloroethane-d5	2.905	69	38461	23.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.680%
11) 1,1-Dichloroethene-d2	4.027	65	34738	23.558	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.240%
21) 2-Butanone-d5	7.081	46	33177	48.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.760%
24) Chloroform-d	7.648	84	154617	26.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.520%
26) 1,2-Dichloroethane-d4	8.301	65	84539	26.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	8.276	84	294259	26.942	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.760%
36) 1,2-Dichloropropane-d6	9.270	67	83561	26.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	10.325	98	268517	26.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	10.575	79	38064	26.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.640%
47) 2-Hexanone-d5	10.922	63	27462	52.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60680	26.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	92139	25.907	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51858	17.988	ug/L #	86
3) Chloromethane	2.229	50	38380	18.770	ug/L	100
5) Vinyl chloride	2.375	62	48598	21.026	ug/L	97
6) Bromomethane	2.796	94	28493	20.700	ug/L	96
8) Chloroethane	2.936	64	27258	21.941	ug/L	99
9) Trichlorofluoromethane	3.271	101	64567	23.105	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	61944	22.313	ug/L	98
12) 1,1-Dichloroethene	4.045	96	58079	22.631	ug/L	93
13) Acetone	4.143	43	30421	39.950	ug/L	100
14) Carbon disulfide	4.387	76	173324	21.654	ug/L	99
15) Methyl Acetate	4.679	43	22241	18.962	ug/L	96
16) Methylene chloride	4.923	84	61127	20.209	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	60966	22.354	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	91150	22.152	ug/L #	91
19) 1,1-Dichloroethane	6.222	63	116895	22.140	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	65059	22.088	ug/L	98
22) 2-Butanone	7.173	43	34371	39.755	ug/L	97
23) Bromochloromethane	7.514	128	28319	21.747	ug/L	94
25) Chloroform	7.679	83	121731	22.395	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82723	21.550	ug/L	97
29) Cyclohexane	7.959	56	104247	22.342	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	109466	23.344	ug/L	99
31) Carbon tetrachloride	8.069	117	100052	22.746	ug/L	100
33) Benzene	8.325	78	250202	22.729	ug/L	100
34) Trichloroethene	9.093	95	70397	22.922	ug/L	96
35) Methylcyclohexane	9.337	83	116438	22.429	ug/L	98
37) 1,2-Dichloropropane	9.367	63	62405	22.163	ug/L	99
38) Bromodichloromethane	9.642	83	85398	22.496	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	101435	22.495	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	64509	41.506	ug/L	98
42) Toluene	10.386	91	272789	22.706	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	86075	22.609	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	44589	21.918	ug/L	97
46) Tetrachloroethene	10.861	164	55250	22.317	ug/L	89
48) 2-Hexanone	10.965	43	51760	42.514	ug/L	96
49) Dibromochloromethane	11.129	129	53177	22.071	ug/L	94
50) 1,2-Dibromoethane	11.233	107	42501	21.849	ug/L	99
51) Chlorobenzene	11.654	112	171522	22.493	ug/L	99
52) Ethylbenzene	11.727	91	320934	22.883	ug/L	98
53) m,p-Xylene	11.837	106	119444	22.632	ug/L	96
54) o-Xylene	12.160	106	114397	23.374	ug/L	100
55) Styrene	12.178	104	194354	23.119	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	50019	21.496	ug/L	99
59) Bromoform	12.343	173	31170	21.306	ug/L	99
60) Isopropylbenzene	12.458	105	324623	22.379	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	36757	19.727	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	222576	22.868	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	259404	22.072	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	142795	22.066	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	141820	21.916	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	123542	22.168	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	8587	19.618	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	98954	21.952	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	82459	21.533	ug/L	93
71) Naphthalene	15.360	128	146459	22.282	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	69890	22.139	ug/L	99

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

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