

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061924\
 Data File : VW029223.D
 Acq On : 19 Jun 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Jun 20 01:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 00:39:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	281924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80168	20.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.160%
7) Chloroethane-d5	2.893	69	66627	20.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.880%
11) 1,1-Dichloroethene-d2	4.021	65	38729	20.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.240%
21) 2-Butanone-d5	7.075	46	62685	53.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
24) Chloroform-d	7.648	84	184290	21.913	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.301	65	111969	23.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.270	84	360894	23.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	9.276	67	116934	23.499	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	10.319	98	327927	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	47980	23.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.720%
47) 2-Hexanone-d5	10.922	63	44475	57.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96298	24.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	110031	25.476	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	47323	17.205	ug/L	99
3) Chloromethane	2.222	50	73177	18.659	ug/L	98
5) Vinyl chloride	2.375	62	81009	17.987	ug/L	99
6) Bromomethane	2.789	94	52129	19.257	ug/L	92
8) Chloroethane	2.936	64	55716	20.225	ug/L	98
9) Trichlorofluoromethane	3.265	101	73841	21.147	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	73751	19.157	ug/L	93
12) 1,1-Dichloroethene	4.045	96	69330	21.223	ug/L	95
13) Acetone	4.118	43	49601	49.994	ug/L	95
14) Carbon disulfide	4.393	76	203817	19.113	ug/L	100
15) Methyl Acetate	4.667	43	47403	24.067	ug/L	99
16) Methylene chloride	4.917	84	103821	20.943	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	77152	21.267	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	141331	24.350	ug/L	99
19) 1,1-Dichloroethane	6.216	63	167544	21.384	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88431	22.105	ug/L	96
22) 2-Butanone	7.173	43	67115	49.348	ug/L	99
23) Bromochloromethane	7.514	128	38703	21.733	ug/L	87
25) Chloroform	7.673	83	167117	21.843	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	124058	21.985	ug/L	100
29) Cyclohexane	7.953	56	133519	22.662	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	126908	22.145	ug/L	97
31) Carbon tetrachloride	8.069	117	111960	21.386	ug/L	97
33) Benzene	8.325	78	347006	22.409	ug/L	100
34) Trichloroethene	9.087	95	88907	21.520	ug/L	93
35) Methylcyclohexane	9.331	83	144094	22.177	ug/L	99
37) 1,2-Dichloropropane	9.367	63	98083	22.541	ug/L	99
38) Bromodichloromethane	9.642	83	118330	22.242	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	145767	23.699	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	141910	52.619	ug/L	99
42) Toluene	10.386	91	370774	23.291	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	122331	23.554	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70057	23.117	ug/L	97
46) Tetrachloroethene	10.861	164	62203	21.538	ug/L	95
48) 2-Hexanone	10.965	43	102922	53.782	ug/L	99
49) Dibromochloromethane	11.123	129	71815	22.670	ug/L	92
50) 1,2-Dibromoethane	11.233	107	66106	24.300	ug/L #	98
51) Chlorobenzene	11.654	112	229015	22.153	ug/L	98
52) Ethylbenzene	11.727	91	417240	23.090	ug/L	95
53) m,p-Xylene	11.837	106	151919	23.016	ug/L	86
54) o-Xylene	12.160	106	147525	23.915	ug/L	94
55) Styrene	12.178	104	264067	24.551	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	89398	23.848	ug/L	96
59) Bromoform	12.349	173	39500	23.162	ug/L	95
60) Isopropylbenzene	12.458	105	408770	24.655	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67168	24.749	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	304219	25.336	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	330191	25.558	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	167455	23.339	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	171903	22.519	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	157598	23.760	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14532	22.945	ug/L	99
69) 1,3,5-Trichlorobenzene	14.629	180	110298	22.778	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	100914	25.708	ug/L	96
71) Naphthalene	15.360	128	215937	27.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86590	24.210	ug/L	98

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

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