

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031437.D
 Acq On : 20 Dec 2024 19:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025601

Quant Time: Dec 20 23:38:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	523428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	477071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	238573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	170090	21.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.400%
7) Chloroethane-d5	2.899	69	145784	25.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.015	65	74563	19.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.840%
21) 2-Butanone-d5	7.094	46	92343	62.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.520%
24) Chloroform-d	7.648	84	353439	24.645	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	8.307	65	195939	27.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	8.270	84	682416	22.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	9.270	67	212495	23.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.319	98	626334	22.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.575	79	86924	21.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.600%
47) 2-Hexanone-d5	10.922	63	74810	62.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	175416	31.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.400%#
66) 1,2-Dichlorobenzene-d4	13.849	152	211534	23.884	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104078	22.001	ug/L	96
3) Chloromethane	2.216	50	138020	25.971	ug/L	94
5) Vinyl chloride	2.369	62	194051	26.348	ug/L	96
6) Bromomethane	2.790	94	130159	28.746	ug/L	98
8) Chloroethane	2.936	64	129434	29.552	ug/L	97
9) Trichlorofluoromethane	3.259	101	183983	23.450	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	161459	25.485	ug/L	98
12) 1,1-Dichloroethene	4.039	96	154239	24.037	ug/L	96
13) Acetone	4.173	43	91219	44.162	ug/L #	100
14) Carbon disulfide	4.381	76	415123	19.836	ug/L	99
15) Methyl Acetate	4.686	43	69431	29.595	ug/L	97
16) Methylene chloride	4.917	84	169757	25.776	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	174822	25.275	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	330443	28.577	ug/L	98
19) 1,1-Dichloroethane	6.216	63	340405	26.337	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	202678	27.083	ug/L	97
22) 2-Butanone	7.191	43	118212	47.233	ug/L	98
23) Bromochloromethane	7.514	128	85463	28.635	ug/L	95
25) Chloroform	7.679	83	349001	27.359	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	236750	29.521	ug/L	100
29) Cyclohexane	7.953	56	265494	20.521	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	275781	22.365	ug/L	98
31) Carbon tetrachloride	8.069	117	239568	21.807	ug/L	99
33) Benzene	8.319	78	747213	25.345	ug/L	100
34) Trichloroethene	9.087	95	203321	24.428	ug/L	85
35) Methylcyclohexane	9.331	83	319186	22.020	ug/L	96
37) 1,2-Dichloropropane	9.368	63	191285	26.008	ug/L	100
38) Bromodichloromethane	9.642	83	242142	25.325	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	304633	24.511	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	228509	58.562	ug/L	98
42) Toluene	10.386	91	823167	25.645	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	258475	25.471	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	145506	29.744	ug/L	96
46) Tetrachloroethene	10.855	164	147339	24.167	ug/L	94
48) 2-Hexanone	10.965	43	172218	51.894	ug/L	99
49) Dibromochloromethane	11.129	129	154206	26.593	ug/L	91
50) 1,2-Dibromoethane	11.233	107	138670	29.923	ug/L	96
51) Chlorobenzene	11.654	112	523111	25.993	ug/L	95
52) Ethylbenzene	11.727	91	935566	25.149	ug/L	98
53) m,p-Xylene	11.837	106	358337	25.303	ug/L	97
54) o-Xylene	12.160	106	349029	26.150	ug/L	94
55) Styrene	12.178	104	593917	26.751	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	173965	32.988	ug/L	97
59) Bromoform	12.349	173	82123	24.503	ug/L	100
60) Isopropylbenzene	12.459	105	946981	24.256	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	125775	30.809	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	809797	24.465	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	780382	24.393	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	416848	26.353	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	400249	25.538	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	363851	26.697	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	27724	26.761	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	284345	25.667	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	238063	25.833	ug/L	94
71) Naphthalene	15.360	128	506438	31.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	219481	29.560	ug/L	98

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

