

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031350.D
 Acq On : 18 Dec 2024 19:40
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Dec 19 04:06:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 00:20:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	631429	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	273530	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	207240	21.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
7) Chloroethane-d5	2.899	69	171071	24.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	4.021	65	100003	22.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.760%
21) 2-Butanone-d5	7.094	46	105658	59.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.100%
24) Chloroform-d	7.648	84	440201	25.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	8.301	65	238821	27.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.270	84	847409	24.223	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	9.270	67	257627	25.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	803229	24.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.575	79	114933	24.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.922	63	86342	62.971	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197566	30.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.440%#
66) 1,2-Dichlorobenzene-d4	13.849	152	260320	25.636	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	119203	20.889	ug/L	98
3) Chloromethane	2.216	50	139966	21.832	ug/L	98
5) Vinyl chloride	2.369	62	202031	22.740	ug/L	95
6) Bromomethane	2.790	94	135758	24.854	ug/L	98
8) Chloroethane	2.930	64	132817	25.137	ug/L	98
9) Trichlorofluoromethane	3.265	101	194362	20.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	170683	22.332	ug/L	95
12) 1,1-Dichloroethene	4.039	96	172989	22.348	ug/L	99
13) Acetone	4.161	43	102826	41.267	ug/L #	100
14) Carbon disulfide	4.387	76	496690	19.675	ug/L	100
15) Methyl Acetate	4.686	43	76745	27.118	ug/L	98
16) Methylene chloride	4.917	84	188033	23.668	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	196896	23.597	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	361177	25.892	ug/L	99
19) 1,1-Dichloroethane	6.216	63	372816	23.911	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	223162	24.720	ug/L	98
22) 2-Butanone	7.185	43	132643	43.934	ug/L	96
23) Bromochloromethane	7.514	128	95586	26.549	ug/L	88
25) Chloroform	7.673	83	397797	25.850	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	261100	26.989	ug/L	98
29) Cyclohexane	7.953	56	299233	20.216	ug/L	95
30) 1,1,1-Trichloroethane	7.868	97	313118	22.195	ug/L	99
31) Carbon tetrachloride	8.069	117	283198	22.532	ug/L	100
33) Benzene	8.319	78	818067	24.254	ug/L	100
34) Trichloroethene	9.087	95	224739	23.601	ug/L	93
35) Methylcyclohexane	9.331	83	356771	21.514	ug/L	97
37) 1,2-Dichloropropane	9.368	63	210221	24.984	ug/L	100
38) Bromodichloromethane	9.642	83	268224	24.520	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	343698	24.172	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	247104	55.352	ug/L	99
42) Toluene	10.386	91	878795	23.930	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286076	24.641	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	155712	27.822	ug/L	96
46) Tetrachloroethene	10.861	164	165100	23.670	ug/L	96
48) 2-Hexanone	10.965	43	186688	49.170	ug/L	97
49) Dibromochloromethane	11.123	129	171242	25.812	ug/L	92
50) 1,2-Dibromoethane	11.233	107	150619	28.409	ug/L	99
51) Chlorobenzene	11.654	112	576049	25.019	ug/L	99
52) Ethylbenzene	11.727	91	1029167	24.181	ug/L	96
53) m,p-Xylene	11.837	106	390403	24.095	ug/L	97
54) o-Xylene	12.160	106	377728	24.737	ug/L	95
55) Styrene	12.178	104	642140	25.281	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	177461	29.413	ug/L	98
59) Bromoform	12.343	173	90967	23.673	ug/L	100
60) Isopropylbenzene	12.459	105	1041012	23.256	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	131196	28.030	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	875687	23.075	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	862920	23.526	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	443060	24.430	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	441567	24.574	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	386159	24.712	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	30592	25.755	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	293689	23.122	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	265202	25.100	ug/L	94
71) Naphthalene	15.354	128	538204	29.055	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	214619	25.211	ug/L	93

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

