

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031519.D
 Acq On : 26 Dec 2024 10:29
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Dec 27 00:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 26 04:44:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	578929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503284	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	248107	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187798	21.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.899	69	158921	24.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
11) 1,1-Dichloroethene-d2	4.021	65	86652	20.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.880%
21) 2-Butanone-d5	7.106	46	83811	51.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.180%
24) Chloroform-d	7.648	84	394147	24.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.307	65	199976	25.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.270	84	734006	22.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.270	67	227659	24.216	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.880%
41) Toluene-d8	10.319	98	678198	22.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.575	79	91044	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.000%
47) 2-Hexanone-d5	10.922	63	63384	50.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	163340	27.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	226768	24.620	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	118098	22.572	ug/L	96
3) Chloromethane	2.216	50	128344	21.835	ug/L	99
5) Vinyl chloride	2.369	62	206017	25.291	ug/L	95
6) Bromomethane	2.790	94	131034	26.165	ug/L	96
8) Chloroethane	2.930	64	133333	27.524	ug/L	98
9) Trichlorofluoromethane	3.265	101	245837	28.329	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	184851	26.380	ug/L	97
12) 1,1-Dichloroethene	4.039	96	170432	24.014	ug/L	94
13) Acetone	4.180	43	91802	40.184	ug/L #	100
14) Carbon disulfide	4.387	76	449528	19.421	ug/L	100
15) Methyl Acetate	4.692	43	60082	23.155	ug/L	100
16) Methylene chloride	4.923	84	175019	24.027	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	179179	23.421	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	314262	24.572	ug/L	99
19) 1,1-Dichloroethane	6.216	63	356678	24.950	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209228	25.278	ug/L	96
22) 2-Butanone	7.197	43	105392	38.074	ug/L	97
23) Bromochloromethane	7.514	128	82756	25.069	ug/L	95
25) Chloroform	7.673	83	361623	25.631	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	223160	25.159	ug/L	100
29) Cyclohexane	7.953	56	303763	22.256	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	314969	24.213	ug/L	99
31) Carbon tetrachloride	8.069	117	273859	23.630	ug/L	99
33) Benzene	8.325	78	769578	24.744	ug/L	100
34) Trichloroethene	9.087	95	213564	24.322	ug/L	92
35) Methylcyclohexane	9.331	83	361457	23.638	ug/L	96
37) 1,2-Dichloropropane	9.368	63	198408	25.572	ug/L	99
38) Bromodichloromethane	9.642	83	249178	24.703	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	311465	23.756	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	185517	45.068	ug/L	98
42) Toluene	10.386	91	849022	25.073	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	251968	23.536	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	135926	26.338	ug/L	98
46) Tetrachloroethene	10.861	164	158996	24.720	ug/L	96
48) 2-Hexanone	10.965	43	152926	43.681	ug/L	97
49) Dibromochloromethane	11.129	129	150298	24.569	ug/L	93
50) 1,2-Dibromoethane	11.233	107	124587	25.484	ug/L	91
51) Chlorobenzene	11.654	112	544592	25.651	ug/L	95
52) Ethylbenzene	11.727	91	996481	25.391	ug/L	97
53) m,p-Xylene	11.837	106	376283	25.186	ug/L	95
54) o-Xylene	12.160	106	355342	25.237	ug/L	93
55) Styrene	12.178	104	610227	26.055	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	147936	26.591	ug/L	97
59) Bromoform	12.343	173	76393	21.917	ug/L	98
60) Isopropylbenzene	12.459	105	1045704	25.755	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	107237	25.259	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	846538	24.592	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	819437	24.630	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	432784	26.309	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	421625	25.868	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	356831	25.175	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	23027	21.373	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	283598	24.616	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	239604	25.001	ug/L	98
71) Naphthalene	15.354	128	417171	24.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	193323	25.037	ug/L	99

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

