

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111924\
 Data File : VW031054.D
 Acq On : 19 Nov 2024 11:34
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Nov 20 03:11:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 19 00:28:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307873	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	160894	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105701	19.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.899	69	87661	20.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
11) 1,1-Dichloroethene-d2	4.021	65	48986	21.432	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.720%
21) 2-Butanone-d5	7.075	46	56770	62.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.560%
24) Chloroform-d	7.648	84	262118	26.326	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	8.301	65	127717	25.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	8.270	84	496121	25.939	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.760%
36) 1,2-Dichloropropane-d6	9.270	67	149614	26.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.120%
41) Toluene-d8	10.319	98	440281	25.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.575	79	60215	26.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.400%
47) 2-Hexanone-d5	10.916	63	47342	64.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119952	30.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.160%#
66) 1,2-Dichlorobenzene-d4	13.849	152	166498	28.409	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64573	17.949	ug/L	98
3) Chloromethane	2.223	50	93703	19.330	ug/L	97
5) Vinyl chloride	2.375	62	117544	20.460	ug/L	97
6) Bromomethane	2.790	94	78961	20.933	ug/L	91
8) Chloroethane	2.936	64	73868	21.210	ug/L	99
9) Trichlorofluoromethane	3.265	101	129847	24.766	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	119385	24.735	ug/L #	84
12) 1,1-Dichloroethene	4.039	96	115742	26.513	ug/L	88
13) Acetone	4.119	43	74288	66.727	ug/L	94
14) Carbon disulfide	4.387	76	359411	25.045	ug/L	99
15) Methyl Acetate	4.667	43	45619	27.935	ug/L #	75
16) Methylene chloride	4.917	84	123518	25.869	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	129221	26.982	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	183560	28.398	ug/L	98
19) 1,1-Dichloroethane	6.216	63	230102	25.748	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	140936	27.740	ug/L	98
22) 2-Butanone	7.167	43	79173	63.502	ug/L	98
23) Bromochloromethane	7.514	128	62861	28.253	ug/L	92
25) Chloroform	7.673	83	247071	26.275	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146226	24.970	ug/L	96
29) Cyclohexane	7.959	56	182723	24.766	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	205313	25.961	ug/L	98
31) Carbon tetrachloride	8.063	117	188398	26.511	ug/L	99
33) Benzene	8.325	78	539200	27.172	ug/L	100
34) Trichloroethene	9.087	95	141667	25.889	ug/L	94
35) Methylcyclohexane	9.337	83	234004	26.981	ug/L	97
37) 1,2-Dichloropropane	9.362	63	133231	26.864	ug/L	98
38) Bromodichloromethane	9.642	83	172378	26.467	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	203327	27.407	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	129399	57.054	ug/L	97
42) Toluene	10.386	91	582631	27.726	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	166974	27.092	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	101426	28.492	ug/L	97
46) Tetrachloroethene	10.861	164	120853	28.890	ug/L	91
48) 2-Hexanone	10.965	43	114060	66.102	ug/L	95
49) Dibromochloromethane	11.123	129	111357	28.691	ug/L	93
50) 1,2-Dibromoethane	11.233	107	93543	28.495	ug/L	99
51) Chlorobenzene	11.654	112	365398	27.170	ug/L	97
52) Ethylbenzene	11.727	91	661987	27.881	ug/L	100
53) m,p-Xylene	11.837	106	254306	28.478	ug/L	99
54) o-Xylene	12.160	106	240101	29.220	ug/L	96
55) Styrene	12.178	104	406371	28.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	112749	29.023	ug/L	99
59) Bromoform	12.349	173	65724	28.608	ug/L	99
60) Isopropylbenzene	12.459	105	654521	26.669	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	78635	26.069	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	527561	27.301	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	508653	27.030	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	294555	27.333	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	293461	26.525	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	263409	27.426	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.477	75	17177	26.897	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	208370	29.138	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	146525	25.805	ug/L	88
71) Naphthalene	15.354	128	278310	30.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	144531	29.534	ug/L	98

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

