

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030849.D
 Acq On : 31 Oct 2024 09:26
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Nov 01 03:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 01:03:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	271795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134340	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	96664	22.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.240%
7) Chloroethane-d5	2.893	69	89908	27.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	4.021	65	40123	22.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.040%
21) 2-Butanone-d5	7.081	46	44958	57.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.000%
24) Chloroform-d	7.648	84	228596	28.670	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.680%
26) 1,2-Dichloroethane-d4	8.300	65	117978	28.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	8.270	84	389052	24.663	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.640%
36) 1,2-Dichloropropane-d6	9.270	67	123367	26.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	10.318	98	362044	25.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.560%
43) trans-1,3-Dichloroprop...	10.574	79	50884	26.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.000%
47) 2-Hexanone-d5	10.922	63	38287	64.202	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	107390	31.582	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.320%#
66) 1,2-Dichlorobenzene-d4	13.848	152	124058	27.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	86519	24.289	ug/L	98
3) Chloromethane	2.222	50	119367	28.832	ug/L	100
5) Vinyl chloride	2.375	62	138986	27.298	ug/L	100
6) Bromomethane	2.783	94	98373	29.355	ug/L	100
8) Chloroethane	2.929	64	89765	28.841	ug/L	98
9) Trichlorofluoromethane	3.265	101	116442	25.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105080	25.637	ug/L	100
12) 1,1-Dichloroethene	4.039	96	99083	26.488	ug/L	98
13) Acetone	4.130	43	62023	53.717	ug/L	98
14) Carbon disulfide	4.393	76	327511	26.812	ug/L	99
15) Methyl Acetate	4.673	43	40035	28.070	ug/L	100
16) Methylene chloride	4.917	84	106617	25.295	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	107585	26.654	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	149251	26.420	ug/L	100
19) 1,1-Dichloroethane	6.215	63	200588	26.738	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	115433	26.812	ug/L	94
22) 2-Butanone	7.173	43	64672	51.962	ug/L	100
23) Bromochloromethane	7.508	128	51140	27.153	ug/L	93
25) Chloroform	7.672	83	217688	27.154	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144088	27.244	ug/L	100
29) Cyclohexane	7.953	56	166372	25.146	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	173289	24.018	ug/L	100
31) Carbon tetrachloride	8.069	117	162155	25.163	ug/L	97
33) Benzene	8.319	78	457872	25.887	ug/L	100
34) Trichloroethene	9.087	95	121236	24.638	ug/L	98
35) Methylcyclohexane	9.331	83	196914	25.428	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115492	26.144	ug/L	99
38) Bromodichloromethane	9.642	83	155279	26.420	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	172989	25.962	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	121001	57.017	ug/L	99
42) Toluene	10.385	91	503658	26.692	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	148967	26.605	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	84827	26.570	ug/L	99
46) Tetrachloroethene	10.861	164	91476	25.205	ug/L	96
48) 2-Hexanone	10.965	43	97828	56.369	ug/L	98
49) Dibromochloromethane	11.129	129	94376	26.493	ug/L	95
50) 1,2-Dibromoethane	11.233	107	80533	27.033	ug/L	99
51) Chlorobenzene	11.653	112	304668	25.082	ug/L	98
52) Ethylbenzene	11.727	91	565232	26.252	ug/L	97
53) m,p-Xylene	11.836	106	213707	26.493	ug/L	95
54) o-Xylene	12.159	106	207195	27.783	ug/L	85
55) Styrene	12.178	104	362586	28.440	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	102527	28.477	ug/L	92
59) Bromoform	12.348	173	54618	28.938	ug/L	99
60) Isopropylbenzene	12.458	105	581164	27.935	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	73747	28.211	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	458662	27.945	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	458723	28.545	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	231934	25.612	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	241608	25.839	ug/L	98
67) 1,2-Dichlorobenzene	13.860	146	206491	25.913	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	14697	25.214	ug/L	86
69) 1,3,5-Trichlorobenzene	14.622	180	147199	24.650	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	119246	24.805	ug/L	99
71) Naphthalene	15.354	128	216265	26.039	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100014	23.998	ug/L	98

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

