

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030738.D
 Acq On : 24 Oct 2024 11:35
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Oct 25 01:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 24 01:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	266089	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106161	25.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
7) Chloroethane-d5	2.899	69	87807	27.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.920%
11) 1,1-Dichloroethene-d2	4.021	65	45329	26.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.240%
21) 2-Butanone-d5	7.081	46	35050	46.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.140%
24) Chloroform-d	7.648	84	198020	26.022	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	8.301	65	99497	25.145	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.560%
32) Benzene-d6	8.276	84	378861	25.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.640%
36) 1,2-Dichloropropane-d6	9.270	67	110664	25.786	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.160%
41) Toluene-d8	10.325	98	344441	25.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	10.575	79	44563	24.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.200%
47) 2-Hexanone-d5	10.922	63	28658	51.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77099	24.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	102289	24.339	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76807	22.593	ug/L	96
3) Chloromethane	2.222	50	91683	23.204	ug/L	98
5) Vinyl chloride	2.375	62	119486	24.590	ug/L	94
6) Bromomethane	2.789	94	80172	25.067	ug/L	99
8) Chloroethane	2.942	64	76485	25.749	ug/L	99
9) Trichlorofluoromethane	3.271	101	118473	27.249	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97145	24.834	ug/L	96
12) 1,1-Dichloroethene	4.045	96	92896	26.021	ug/L	99
13) Acetone	4.118	43	54347	49.318	ug/L	96
14) Carbon disulfide	4.387	76	245580	21.065	ug/L	100
15) Methyl Acetate	4.673	43	35266	25.908	ug/L	99
16) Methylene chloride	4.923	84	102777	25.549	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	100750	26.154	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	156288	28.988	ug/L	99
19) 1,1-Dichloroethane	6.222	63	201403	28.130	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	114250	27.806	ug/L	97
22) 2-Butanone	7.173	43	57023	48.006	ug/L	98
23) Bromochloromethane	7.520	128	46598	25.924	ug/L	88
25) Chloroform	7.679	83	215292	28.139	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134208	26.589	ug/L	100
29) Cyclohexane	7.959	56	159176	25.956	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	177863	26.596	ug/L	99
31) Carbon tetrachloride	8.069	117	157981	26.449	ug/L	97
33) Benzene	8.325	78	438856	26.769	ug/L	100
34) Trichloroethene	9.093	95	119169	26.128	ug/L	97
35) Methylcyclohexane	9.337	83	192827	26.864	ug/L	98
37) 1,2-Dichloropropane	9.367	63	116384	28.424	ug/L	100
38) Bromodichloromethane	9.642	83	150507	27.628	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	172725	27.967	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	108316	55.065	ug/L	99
42) Toluene	10.386	91	495347	28.321	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	144846	27.909	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	81942	27.690	ug/L	99
46) Tetrachloroethene	10.867	164	87758	26.088	ug/L	90
48) 2-Hexanone	10.965	43	83525	51.923	ug/L	99
49) Dibromochloromethane	11.129	129	90038	27.268	ug/L	92
50) 1,2-Dibromoethane	11.233	107	72426	26.229	ug/L	100
51) Chlorobenzene	11.660	112	297810	26.451	ug/L	97
52) Ethylbenzene	11.727	91	562783	28.199	ug/L	99
53) m,p-Xylene	11.837	106	211819	28.330	ug/L	97
54) o-Xylene	12.166	106	196207	28.385	ug/L	97
55) Styrene	12.178	104	339327	28.715	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	90733	27.189	ug/L	97
59) Bromoform	12.349	173	45545	26.099	ug/L	97
60) Isopropylbenzene	12.458	105	562055	29.221	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	63390	26.227	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	443771	29.243	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	449839	30.276	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	233185	27.851	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	224660	25.987	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	206951	28.090	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13251	24.588	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	156683	28.379	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	112530	25.318	ug/L	96
71) Naphthalene	15.360	128	196357	25.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	94984	24.651	ug/L	100

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

