

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030128.D
 Acq On : 10 Sep 2024 15:34
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Sep 11 02:23:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 11 01:35:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	303400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	136960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	27533	6.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	24.400%#
7) Chloroethane-d5	2.905	69	29454	9.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.760%
11) 1,1-Dichloroethene-d2	4.027	65	12191m	6.320	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	25.280%#
21) 2-Butanone-d5	7.087	46	44989	49.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.980%
24) Chloroform-d	7.648	84	147358	18.010	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.040%
26) 1,2-Dichloroethane-d4	8.307	65	73858	17.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.120%
32) Benzene-d6	8.276	84	212500	13.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	52.080%
36) 1,2-Dichloropropane-d6	9.276	67	84084	17.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.320%
41) Toluene-d8	10.325	98	175449	11.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	47.240%
43) trans-1,3-Dichloroprop...	10.575	79	33866	17.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.840%
47) 2-Hexanone-d5	10.922	63	37695	51.492	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87081	24.727	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	98832	19.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71658	20.535	ug/L	96
3) Chloromethane	2.222	50	72190	17.796	ug/L	99
5) Vinyl chloride	2.381	62	87067	18.159	ug/L	95
6) Bromomethane	2.796	94	55002	18.459	ug/L	89
8) Chloroethane	2.942	64	51130	18.506	ug/L	100
9) Trichlorofluoromethane	3.271	101	61426	14.794	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	73816	18.582	ug/L	91
12) 1,1-Dichloroethene	4.039	96	73162	18.812	ug/L #	69
13) Acetone	4.125	43	40419	49.099	ug/L	95
14) Carbon disulfide	4.387	76	233148	19.325	ug/L	96
15) Methyl Acetate	4.679	43	40519	25.245	ug/L	99
16) Methylene chloride	4.917	84	97731	19.499	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	94739	22.027	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	142753	21.703	ug/L	99
19) 1,1-Dichloroethane	6.222	63	190705	23.861	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106838	22.475	ug/L	93
22) 2-Butanone	7.179	43	61102	51.870	ug/L	99
23) Bromochloromethane	7.514	128	47977	23.795	ug/L	98
25) Chloroform	7.679	83	197053	24.104	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	122543	23.418	ug/L	99
29) Cyclohexane	7.959	56	135194	20.244	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	157707	24.344	ug/L	97
31) Carbon tetrachloride	8.069	117	140109	24.073	ug/L	99
33) Benzene	8.325	78	413230	23.319	ug/L	100
34) Trichloroethene	9.093	95	111216	23.308	ug/L	93
35) Methylcyclohexane	9.337	83	166296	21.279	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111682	24.888	ug/L	99
38) Bromodichloromethane	9.642	83	140666	24.844	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	163813	23.718	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	111629	49.975	ug/L	99
42) Toluene	10.386	91	457931	24.266	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	133037	23.804	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	79988	24.320	ug/L	97
46) Tetrachloroethene	10.861	164	83594	23.082	ug/L	93
48) 2-Hexanone	10.965	43	88646	55.824	ug/L	96
49) Dibromochloromethane	11.129	129	90724	25.961	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74940	24.392	ug/L	98
51) Chlorobenzene	11.654	112	288678	23.924	ug/L	97
52) Ethylbenzene	11.727	91	524580	24.533	ug/L	99
53) m,p-Xylene	11.837	106	196175	24.584	ug/L	99
54) o-Xylene	12.160	106	187298	24.455	ug/L	95
55) Styrene	12.178	104	319802	24.922	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	92637	25.012	ug/L	99
59) Bromoform	12.343	173	49286	24.165	ug/L	96
60) Isopropylbenzene	12.458	105	528737	24.198	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65605	23.558	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	434583	26.749	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	419868	24.518	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	229952	24.686	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	232167	24.672	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	208086	24.972	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14468	24.271	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	160069	26.320	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	141886	26.956	ug/L	99
71) Naphthalene	15.360	128	256644	25.534	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	125926	27.256	ug/L	96

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

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