

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030020.D
 Acq On : 23 Aug 2024 19:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Aug 24 07:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	312504	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	57037	12.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.440%
7) Chloroethane-d5	2.899	69	55055	17.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
11) 1,1-Dichloroethene-d2	4.021	65	31050	15.332	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.320%
21) 2-Butanone-d5	7.075	46	46735	38.434	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.860%
24) Chloroform-d	7.648	84	183901	22.733	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.920%
26) 1,2-Dichloroethane-d4	8.307	65	96914	21.033	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.120%
32) Benzene-d6	8.276	84	323222	20.613	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.440%
36) 1,2-Dichloropropane-d6	9.270	67	101713	20.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	10.319	98	305749	21.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	10.575	79	43564	21.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.922	63	38020	46.053	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88680	23.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	105030	23.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	76075	18.060	ug/L #	87
3) Chloromethane	2.223	50	76605	14.697	ug/L	97
5) Vinyl chloride	2.375	62	104391	17.874	ug/L	99
6) Bromomethane	2.790	94	71166	22.190	ug/L	97
8) Chloroethane	2.936	64	68183	20.521	ug/L	96
9) Trichlorofluoromethane	3.271	101	117514	25.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	110398	23.760	ug/L	94
12) 1,1-Dichloroethene	4.045	96	98330	23.032	ug/L	77
13) Acetone	4.119	43	44415	29.391	ug/L	92
14) Carbon disulfide	4.393	76	235312	16.563	ug/L	99
15) Methyl Acetate	4.667	43	44875	17.829	ug/L #	86
16) Methylene chloride	4.911	84	128132	19.613	ug/L	79
17) trans-1,2-Dichloroethene	5.423	96	108369	23.556	ug/L	83
18) Methyl tert-butyl Ether	5.429	73	198977	26.242	ug/L	95
19) 1,1-Dichloroethane	6.216	63	213298	21.983	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	129633	25.977	ug/L	87
22) 2-Butanone	7.167	43	62113	32.079	ug/L	83
23) Bromochloromethane	7.514	128	56335	26.591	ug/L #	68
25) Chloroform	7.673	83	236809	25.904	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	150822	22.638	ug/L	98
29) Cyclohexane	7.953	56	152650	18.510	ug/L	88
30) 1,1,1-Trichloroethane	7.868	97	190646	25.942	ug/L	93
31) Carbon tetrachloride	8.075	117	164400	24.826	ug/L	97
33) Benzene	8.325	78	457558	23.011	ug/L	100
34) Trichloroethene	9.087	95	129943	24.929	ug/L	93
35) Methylcyclohexane	9.337	83	190526	21.935	ug/L	92
37) 1,2-Dichloropropane	9.368	63	118986	21.836	ug/L #	97
38) Bromodichloromethane	9.642	83	169862	26.178	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	194002	24.447	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	134633	38.899	ug/L #	87
42) Toluene	10.386	91	509973	25.126	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	161558	24.524	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	95710	26.146	ug/L	94
46) Tetrachloroethene	10.861	164	99630	26.297	ug/L	81
48) 2-Hexanone	10.965	43	94733	36.545	ug/L #	88
49) Dibromochloromethane	11.130	129	103104	27.131	ug/L	100
50) 1,2-Dibromoethane	11.233	107	90035	26.582	ug/L	97
51) Chlorobenzene	11.654	112	342093	27.097	ug/L	90
52) Ethylbenzene	11.727	91	599113	26.168	ug/L	98
53) m,p-Xylene	11.831	106	215071	25.543	ug/L	93
54) o-Xylene	12.160	106	212290	27.379	ug/L	96
55) Styrene	12.178	104	367258	27.325	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	114503	25.485	ug/L	97
59) Bromoform	12.349	173	64359	29.808	ug/L #	98
60) Isopropylbenzene	12.459	105	602849	27.150	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81328	23.304	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	506438	30.685	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	502606	28.475	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	261146	27.566	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	266583	27.395	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	236574	27.429	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	19138	24.152	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.623	180	192620	29.718	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	161584	29.591	ug/L	95
71) Naphthalene	15.360	128	327609	31.442	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	140597	28.447	ug/L	95

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

