

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083024\
 Data File : VW030116.D
 Acq On : 30 Aug 2024 15:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025599

Quant Time: Aug 30 23:55:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 30 23:54:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	222972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	99685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	71540	21.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.240%
7) Chloroethane-d5	2.899	69	56899	24.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	4.021	65	33126	23.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.480%
21) 2-Butanone-d5	7.075	46	31455	47.556	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
24) Chloroform-d	7.648	84	149994	24.945	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.307	65	74240	24.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.276	84	286711	23.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.840%
36) 1,2-Dichloropropane-d6	9.270	67	90319	25.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.920%
41) Toluene-d8	10.318	98	263991	23.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.574	79	33779	22.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	24548	44.802	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64179	24.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	80872	22.429	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	57962	22.602	ug/L	97
3) Chloromethane	2.222	50	87120	29.223	ug/L	92
5) Vinyl chloride	2.375	62	89462	25.388	ug/L	99
6) Bromomethane	2.789	94	54404	24.844	ug/L	99
8) Chloroethane	2.936	64	56103	27.630	ug/L	94
9) Trichlorofluoromethane	3.271	101	72302	23.695	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	71598	24.525	ug/L	98
12) 1,1-Dichloroethene	4.045	96	68532	23.978	ug/L	91
13) Acetone	4.118	43	41281	68.234	ug/L	99
14) Carbon disulfide	4.387	76	243780	27.495	ug/L	97
15) Methyl Acetate	4.667	43	29320	24.857	ug/L #	76
16) Methylene chloride	4.917	84	85202	23.131	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	75555	23.903	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	101004	20.895	ug/L	97
19) 1,1-Dichloroethane	6.215	63	151613	25.813	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79374	22.720	ug/L	93
22) 2-Butanone	7.167	43	44657	51.584	ug/L	94
23) Bromochloromethane	7.520	128	33696	22.740	ug/L	95
25) Chloroform	7.673	83	149862	24.944	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	93235	24.244	ug/L	97
29) Cyclohexane	7.959	56	119104	23.828	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	121417	25.041	ug/L	99
31) Carbon tetrachloride	8.069	117	107218	24.613	ug/L	99
33) Benzene	8.319	78	330408	24.911	ug/L	100
34) Trichloroethene	9.093	95	86115	24.112	ug/L	95
35) Methylcyclohexane	9.337	83	137515	23.510	ug/L	95
37) 1,2-Dichloropropane	9.367	63	87347	26.007	ug/L	99
38) Bromodichloromethane	9.642	83	103471	24.416	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	124611	24.105	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	80360	48.066	ug/L	94
42) Toluene	10.385	91	356658	25.251	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	100121	23.935	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	56000	22.748	ug/L	99
46) Tetrachloroethene	10.861	164	60192	22.206	ug/L	91
48) 2-Hexanone	10.965	43	63796	53.676	ug/L	93
49) Dibromochloromethane	11.123	129	61767	23.614	ug/L	97
50) 1,2-Dibromoethane	11.233	107	51385	22.346	ug/L	92
51) Chlorobenzene	11.654	112	215119	23.819	ug/L	97
52) Ethylbenzene	11.727	91	399746	24.978	ug/L	98
53) m,p-Xylene	11.836	106	145664	24.389	ug/L	96
54) o-Xylene	12.166	106	137380	23.965	ug/L	95
55) Styrene	12.178	104	232383	24.195	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	65074	23.474	ug/L	97
59) Bromoform	12.349	173	33227	22.383	ug/L	95
60) Isopropylbenzene	12.464	105	383987	24.144	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	46015	22.702	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	320442	27.098	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	300761	24.130	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	162733	24.002	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	160175	23.386	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	139166	22.946	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9677	22.304	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	104954	23.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	83890	21.897	ug/L	98
71) Naphthalene	15.360	128	148581	20.310	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73349	21.812	ug/L	98

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

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