

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072823\
 Data File : VW026668.D
 Acq On : 28 Jul 2023 14:43
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Jul 28 22:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 28 22:07:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	562218	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	529928	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270558	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	211819	22.336	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.360%
7) Chloroethane-d5	2.893	69	165199	24.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	4.021	65	107534	24.145	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.600%
21) 2-Butanone-d5	7.075	46	165060	53.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.700%
24) Chloroform-d	7.648	84	491046	30.337	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.360%
26) 1,2-Dichloroethane-d4	8.301	65	273762	30.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.160%
32) Benzene-d6	8.270	84	997347	27.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.680%
36) 1,2-Dichloropropane-d6	9.270	67	316323	28.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.120%
41) Toluene-d8	10.319	98	875636	28.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.240%
43) trans-1,3-Dichloroprop...	10.575	79	122222	27.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.922	63	118337	54.217	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	257645	27.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	281683	28.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104199	16.430	ug/L	90
3) Chloromethane	2.229	50	191163	21.096	ug/L	97
5) Vinyl chloride	2.381	62	182289	19.088	ug/L	98
6) Bromomethane	2.783	94	109212	21.512	ug/L	100
8) Chloroethane	2.930	64	115000	21.536	ug/L	98
9) Trichlorofluoromethane	3.259	101	130208	18.408	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	168149	21.420	ug/L	97
12) 1,1-Dichloroethene	4.052	96	163714	21.737	ug/L	97
13) Acetone	4.125	43	83760	37.992	ug/L	99
14) Carbon disulfide	4.393	76	526419	19.938	ug/L	99
15) Methyl Acetate	4.673	43	116970	22.083	ug/L	98
16) Methylene chloride	4.923	84	212701	21.415	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	187463	23.279	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	316114	25.081	ug/L	99
19) 1,1-Dichloroethane	6.210	63	409861	25.456	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	215108	25.796	ug/L	98
22) 2-Butanone	7.167	43	158569	47.231	ug/L	99
23) Bromochloromethane	7.508	128	95626	26.771	ug/L	96
25) Chloroform	7.673	83	387017	26.235	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	283036	27.255	ug/L	99
29) Cyclohexane	7.953	56	332170	20.132	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	291194	22.419	ug/L	98
31) Carbon tetrachloride	8.069	117	262257	22.244	ug/L	100
33) Benzene	8.319	78	866215	23.723	ug/L	100
34) Trichloroethene	9.087	95	209858	22.375	ug/L	96
35) Methylcyclohexane	9.331	83	349482	20.751	ug/L	100
37) 1,2-Dichloropropane	9.368	63	241537	24.909	ug/L	99
38) Bromodichloromethane	9.642	83	284850	25.856	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	345279	24.733	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	343427	46.924	ug/L	99
42) Toluene	10.386	91	893893	24.242	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	300867	25.554	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	170976	25.264	ug/L	99
46) Tetrachloroethene	10.861	164	150016	22.530	ug/L	94
48) 2-Hexanone	10.965	43	239007	46.794	ug/L	99
49) Dibromochloromethane	11.123	129	172482	25.739	ug/L	92
50) 1,2-Dibromoethane	11.233	107	155507	24.376	ug/L	98
51) Chlorobenzene	11.654	112	549324	24.297	ug/L	97
52) Ethylbenzene	11.727	91	988140	24.071	ug/L	98
53) m,p-Xylene	11.837	106	375032	25.111	ug/L	94
54) o-Xylene	12.166	106	357535	25.505	ug/L	98
55) Styrene	12.178	104	645363	27.294	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	217871	24.531	ug/L	96
59) Bromoform	12.343	173	101186	23.646	ug/L	93
60) Isopropylbenzene	12.459	105	960390	22.943	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	160284	21.933	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	782013	24.356	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	772868	24.279	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	419299	23.871	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	422685	24.128	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	374757	24.107	ug/L	87
68) 1,2-Dibromo-3-chloropr...	14.483	75	35933	20.659	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	277622	23.883	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	220159	23.080	ug/L	97
71) Naphthalene	15.360	128	529095	24.493	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	217713	24.244	ug/L	98

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

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