

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026035.D
 Acq On : 25 May 2023 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: May 26 00:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 25 00:24:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	568069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	519243	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275126	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164722	20.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.840%
7) Chloroethane-d5	2.893	69	145132	24.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
11) 1,1-Dichloroethene-d2	4.015	65	84706	21.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.040%
21) 2-Butanone-d5	7.075	46	144003	54.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.220%
24) Chloroform-d	7.648	84	440766	26.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.640%
26) 1,2-Dichloroethane-d4	8.307	65	233619	25.222	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.880%
32) Benzene-d6	8.270	84	822884	24.254	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.276	67	277069	25.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.325	98	708159	23.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.640%
43) trans-1,3-Dichloroprop...	10.575	79	102328	23.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.000%
47) 2-Hexanone-d5	10.922	63	97399	52.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228984	27.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	242580	24.187	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	187922	29.610	ug/L	93
3) Chloromethane	2.222	50	238591	25.497	ug/L	98
5) Vinyl chloride	2.375	62	279199	28.826	ug/L	96
6) Bromomethane	2.789	94	147609	28.020	ug/L	99
8) Chloroethane	2.930	64	158352	28.752	ug/L	99
9) Trichlorofluoromethane	3.265	101	178383	24.404	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	239210	30.091	ug/L	99
12) 1,1-Dichloroethene	4.045	96	219166	28.848	ug/L	85
13) Acetone	4.118	43	128334	54.386	ug/L	99
14) Carbon disulfide	4.387	76	644655	25.091	ug/L	98
15) Methyl Acetate	4.673	43	120651	25.946	ug/L	100
16) Methylene chloride	4.917	84	252011	21.511	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	230578	27.820	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	356095	28.308	ug/L	99
19) 1,1-Dichloroethane	6.216	63	500444	29.389	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	255342	28.716	ug/L	98
22) 2-Butanone	7.173	43	167054	51.270	ug/L	99
23) Bromochloromethane	7.520	128	108913	28.913	ug/L	86
25) Chloroform	7.679	83	468047	29.906	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	313098	28.169	ug/L	100
29) Cyclohexane	7.959	56	435850	27.087	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	373479	29.411	ug/L	99
31) Carbon tetrachloride	8.069	117	334665	29.285	ug/L	100
33) Benzene	8.325	78	1037854	28.890	ug/L	100
34) Trichloroethene	9.087	95	257364	27.919	ug/L	96
35) Methylcyclohexane	9.337	83	450066	27.451	ug/L	99
37) 1,2-Dichloropropane	9.367	63	288887	29.352	ug/L	99
38) Bromodichloromethane	9.642	83	332731	29.467	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	412239	28.561	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	337992	52.758	ug/L	99
42) Toluene	10.386	91	1072561	29.220	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	345860	28.919	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	188363	28.610	ug/L	99
46) Tetrachloroethene	10.861	164	188376	29.047	ug/L	95
48) 2-Hexanone	10.965	43	260227	56.701	ug/L	97
49) Dibromochloromethane	11.129	129	200208	29.373	ug/L	95
50) 1,2-Dibromoethane	11.233	107	166168	27.378	ug/L	95
51) Chlorobenzene	11.654	112	651851	28.666	ug/L	99
52) Ethylbenzene	11.727	91	1218985	29.522	ug/L	97
53) m,p-Xylene	11.837	106	453196	29.822	ug/L	94
54) o-Xylene	12.166	106	432177	30.172	ug/L	93
55) Styrene	12.178	104	762903	31.118	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	229887	27.984	ug/L	98
59) Bromoform	12.349	173	108430	26.607	ug/L	98
60) Isopropylbenzene	12.464	105	1198512	28.659	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	166808	25.654	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	968461	29.238	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	882534	28.873	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	485885	26.989	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	493739	27.146	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	439679	27.385	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	35924	23.826	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	337666	28.256	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	272835	27.252	ug/L	98
71) Naphthalene	15.360	128	478899	25.344	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	243122	27.369	ug/L	99

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

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