

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081523\
 Data File : VW026744.D
 Acq On : 15 Aug 2023 10:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025579

Quant Time: Aug 16 01:27:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 14 23:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	532338	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	522532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	281862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	170010	19.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.720%
7) Chloroethane-d5	2.893	69	136302	20.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	4.027	65	103091	23.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.800%
21) 2-Butanone-d5	7.075	46	121174	48.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.360%
24) Chloroform-d	7.648	84	478872	26.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.200%
26) 1,2-Dichloroethane-d4	8.307	65	258657	26.233	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.920%
32) Benzene-d6	8.276	84	943622	26.203	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	9.270	67	295398	26.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.320%
41) Toluene-d8	10.319	98	836373	27.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.575	79	120371	25.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.960%
47) 2-Hexanone-d5	10.922	63	62801	53.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235281	26.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.240%
66) 1,2-Dichlorobenzene-d4	13.854	152	261581	25.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	184509	25.492	ug/L	# 84
3) Chloromethane	2.229	50	200296	20.238	ug/L	97
5) Vinyl chloride	2.375	62	212690	22.480	ug/L	98
6) Bromomethane	2.789	94	120170	21.800	ug/L	99
8) Chloroethane	2.930	64	121548	21.441	ug/L	99
9) Trichlorofluoromethane	3.259	101	172693	22.241	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	216307	25.791	ug/L	91
12) 1,1-Dichloroethene	4.045	96	205486	26.116	ug/L	100
13) Acetone	4.125	43	136560	54.605	ug/L	94
14) Carbon disulfide	4.393	76	702125	24.804	ug/L	99
15) Methyl Acetate	4.673	43	116341	23.224	ug/L	99
16) Methylene chloride	4.917	84	246389	23.927	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	219601	25.011	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	332184	25.004	ug/L	99
19) 1,1-Dichloroethane	6.216	63	454728	25.163	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	233904	24.784	ug/L	96
22) 2-Butanone	7.173	43	176208	47.811	ug/L	99
23) Bromochloromethane	7.514	128	100726	24.707	ug/L	96
25) Chloroform	7.673	83	422547	24.203	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	300256	24.653	ug/L	99
29) Cyclohexane	7.959	56	426981	26.423	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	348272	25.538	ug/L	99
31) Carbon tetrachloride	8.069	117	310318	24.887	ug/L	94
33) Benzene	8.319	78	962709	25.300	ug/L	100
34) Trichloroethene	9.087	95	240504	24.816	ug/L	93
35) Methylcyclohexane	9.337	83	441284	26.616	ug/L	100
37) 1,2-Dichloropropane	9.367	63	261583	25.097	ug/L	99
38) Bromodichloromethane	9.642	83	300119	24.545	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	392933	26.206	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	324015	47.792	ug/L	99
42) Toluene	10.386	91	990324	25.727	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	330686	25.623	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	171678	24.084	ug/L	98
46) Tetrachloroethene	10.861	164	177516	25.212	ug/L	95
48) 2-Hexanone	10.965	43	252038	54.634	ug/L	98
49) Dibromochloromethane	11.129	129	185053	24.821	ug/L	84
50) 1,2-Dibromoethane	11.233	107	159191	23.801	ug/L	93
51) Chlorobenzene	11.654	112	608910	25.043	ug/L	99
52) Ethylbenzene	11.727	91	1138747	26.380	ug/L	98
53) m,p-Xylene	11.837	106	419038	26.204	ug/L	89
54) o-Xylene	12.166	106	393010	26.332	ug/L	99
55) Styrene	12.178	104	697074	26.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	214145	23.721	ug/L	96
59) Bromoform	12.349	173	104973	23.774	ug/L #	98
60) Isopropylbenzene	12.458	105	1086395	25.925	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158956	23.249	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	917341	27.695	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	892088	27.484	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	454477	24.937	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	464918	24.444	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	411587	24.835	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	35444	21.504	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	306602	24.901	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	257736	24.689	ug/L	97
71) Naphthalene	15.360	128	478987	24.054	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	237911	25.267	ug/L	99

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

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