

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031023\
 Data File : VW025385.D
 Acq On : 10 Mar 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/13/2023
 Supervised By : Mahesh Dadoda 03/13/2023

Quant Time: Mar 10 23:25:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 07 05:10:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	672383	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292261	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	275251	24.621	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	98.480%	
7) Chloroethane-d5	2.899	69	201110	25.000	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	4.027	63	537352	24.886	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	99.560%	
21) 2-Butanone-d5	7.081	46	115800	42.199	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	84.400%	
24) Chloroform-d	7.648	84	476605	24.588	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	98.360%	
26) 1,2-Dichloroethane-d4	8.307	65	245039	23.552	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	8.276	84	993987	24.064	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	96.240%	
36) 1,2-Dichloropropane-d6	9.270	67	301345	23.582	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	94.320%	
41) Toluene-d8	10.325	98	877510	24.095	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	10.575	79	114223	22.448	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	89.800%	
47) 2-Hexanone-d5	10.922	63	75518	41.098	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	82.200%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	205792	21.982	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	87.920%	
66) 1,2-Dichlorobenzene-d4	13.849	152	257542	23.696	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	197574	25.712	ug/L	98
3) Chloromethane	2.223	50	273741	29.953	ug/L	100
5) Vinyl chloride	2.375	62	302996	29.346	ug/L	100
6) Bromomethane	2.790	94	156042	28.347	ug/L	96
8) Chloroethane	2.936	64	171551	28.909	ug/L	96
9) Trichlorofluoromethane	3.271	101	246954	27.634	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	243005m	28.040	ug/L	
12) 1,1-Dichloroethene	4.045	96	230116	27.444	ug/L	90
13) Acetone	4.131	43	149487	56.667	ug/L	98
14) Carbon disulfide	4.393	76	774688	29.716	ug/L	99
15) Methyl Acetate	4.673	43	109151	22.056	ug/L	97
16) Methylene chloride	4.917	84	241837	25.830	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	235769	26.823	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	314610	23.775	ug/L	99
19) 1,1-Dichloroethane	6.222	63	479507	26.344	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	249462	25.922	ug/L #	96
22) 2-Butanone	7.173	43	161182	47.233	ug/L	100
23) Bromochloromethane	7.514	128	103368	24.978	ug/L	98
25) Chloroform	7.679	83	441720	25.815	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292884	25.649	ug/L	98
29) Cyclohexane	7.959	56	465259	27.266	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	363717	25.310	ug/L	99
31) Carbon tetrachloride	8.069	117	331988	25.773	ug/L	100
33) Benzene	8.325	78	1016072	26.290	ug/L	100
34) Trichloroethene	9.093	95	255935	25.230	ug/L	97
35) Methylcyclohexane	9.337	83	474160	27.134	ug/L	99
37) 1,2-Dichloropropane	9.368	63	266326	25.034	ug/L	100
38) Bromodichloromethane	9.642	83	303603	24.470	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	381790	24.911	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	281636	44.046	ug/L	99
42) Toluene	10.386	91	1038040	26.013	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	315462	24.578	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	170253	23.830	ug/L	99
46) Tetrachloroethene	10.861	164	184634	25.581	ug/L	94
48) 2-Hexanone	10.965	43	218777	47.557	ug/L	99
49) Dibromochloromethane	11.129	129	181442	23.768	ug/L	97
50) 1,2-Dibromoethane	11.233	107	153997	23.286	ug/L	90
51) Chlorobenzene	11.660	112	632766	24.985	ug/L	94
52) Ethylbenzene	11.727	91	1182312	25.978	ug/L	97
53) m,p-Xylene	11.837	106	436179	25.984	ug/L	96
54) o-Xylene	12.166	106	411390	26.044	ug/L	91
55) Styrene	12.178	104	705039	26.137	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	197338	22.205	ug/L	96
59) Bromoform	12.349	173	94330	22.371	ug/L	97
60) Isopropylbenzene	12.459	105	1164466	26.728	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	145143	22.794	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	938486	27.198	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	918608	27.024	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	459873	24.910	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	462210	24.408	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	414555	25.037	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29204	19.811	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	315593	25.148	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	250184	24.044	ug/L	100
71) Naphthalene	15.360	128	474205	23.088	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	218482	23.378	ug/L	99

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

