

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022423\
 Data File : VW025365.D
 Acq On : 24 Feb 2023 09:46
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

Quant Time: Feb 27 00:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:27:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	347205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	302337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158831	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	71032	24.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.680%
7) Chloroethane-d5	2.899	69	53058	24.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.920%
11) 1,1-Dichloroethene-d2	4.027	63	191180	25.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.240%
21) 2-Butanone-d5	7.075	46	37764	56.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
24) Chloroform-d	7.648	84	173910	26.111	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.440%
26) 1,2-Dichloroethane-d4	8.307	65	91202	26.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	8.276	84	336510	26.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.040%
36) 1,2-Dichloropropane-d6	9.270	67	91729	25.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.325	98	315195	26.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.560%
43) trans-1,3-Dichloroprop...	10.575	79	44285	27.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.160%
47) 2-Hexanone-d5	10.922	63	31338	59.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76096	28.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	102681	25.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	117322m	26.917	ug/L	
3) Chloromethane	2.229	50	99714	25.488	ug/L	97
5) Vinyl chloride	2.375	62	115741	25.411	ug/L	98
6) Bromomethane	2.789	94	73596	25.448	ug/L	97
8) Chloroethane	2.936	64	67093	25.174	ug/L	99
9) Trichlorofluoromethane	3.271	101	143211	25.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	117260	24.977	ug/L	97
12) 1,1-Dichloroethene	4.045	96	112620	25.173	ug/L	99
13) Acetone	4.125	43	65379	59.187	ug/L	100
14) Carbon disulfide	4.387	76	370273	25.374	ug/L	99
15) Methyl Acetate	4.667	43	46107	25.908	ug/L	98
16) Methylene chloride	4.911	84	117394	23.911	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	120797	25.757	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	179725	27.133	ug/L	100
19) 1,1-Dichloroethane	6.216	63	214863	25.495	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	126799	25.731	ug/L	100
22) 2-Butanone	7.167	43	70452	54.985	ug/L	100
23) Bromochloromethane	7.514	128	55959	26.611	ug/L	96
25) Chloroform	7.673	83	224588	25.896	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153119	26.174	ug/L	99
29) Cyclohexane	7.959	56	200463	26.340	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	201606	25.742	ug/L	100
31) Carbon tetrachloride	8.069	117	190719	25.872	ug/L	99
33) Benzene	8.319	78	484874	26.229	ug/L	100
34) Trichloroethene	9.093	95	131834	25.536	ug/L	98
35) Methylcyclohexane	9.337	83	236926	26.188	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115183	25.758	ug/L	100
38) Bromodichloromethane	9.642	83	159307	26.264	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	198351	27.111	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	129490	56.922	ug/L	99
42) Toluene	10.386	91	522465	26.252	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	166004	26.992	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	91215	27.348	ug/L	97
46) Tetrachloroethene	10.861	164	100015	25.654	ug/L	97
48) 2-Hexanone	10.965	43	99860	58.814	ug/L	98
49) Dibromochloromethane	11.129	129	101980	26.470	ug/L	97
50) 1,2-Dibromoethane	11.233	107	87256	27.289	ug/L	99
51) Chlorobenzene	11.654	112	337244	26.386	ug/L	99
52) Ethylbenzene	11.727	91	610589	26.476	ug/L	99
53) m,p-Xylene	11.837	106	230643	26.321	ug/L	99
54) o-Xylene	12.166	106	216343	26.706	ug/L	91
55) Styrene	12.178	104	373147	27.085	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.714	83	105510	27.710	ug/L	99
59) Bromoform	12.343	173	57720	24.275	ug/L	100
60) Isopropylbenzene	12.458	105	613314	23.609	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	78887	25.068	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	515761	24.721	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	493164	24.972	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	250440	24.654	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	256774	25.214	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	225210	24.176	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	19491	26.806	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	170637	24.542	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	145788	24.164	ug/L	98
71) Naphthalene	15.360	128	304808	26.275	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	127175	24.820	ug/L	98

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

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