

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031623\
 Data File : VW025391.D
 Acq On : 16 Mar 2023 11:05
 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 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 01:32:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 10 23:28:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	755678	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	671150	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	292759	23.300	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.200%		
7) Chloroethane-d5	2.899	69	224244	24.804	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.200%		
11) 1,1-Dichloroethene-d2	4.027	63	609128	25.100	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	100.400%		
21) 2-Butanone-d5	7.081	46	137431	44.561	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.120%		
24) Chloroform-d	7.648	84	570025	26.166	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.680%		
26) 1,2-Dichloroethane-d4	8.307	65	293501	25.101	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	8.276	84	1186221	25.867	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	103.480%		
36) 1,2-Dichloropropane-d6	9.270	67	366829	25.857	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.440%		
41) Toluene-d8	10.319	98	1062917	26.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.160%		
43) trans-1,3-Dichloroprop...	10.575	79	140230	24.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.280%		
47) 2-Hexanone-d5	10.922	63	88020	43.146	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.300%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	242200	23.302	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.200%		
66) 1,2-Dichlorobenzene-d4	13.849	152	310488	25.216	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.021	85	203705	23.588	ug/L	90
3) Chloromethane	2.223	50	266451	25.942	ug/L	99
5) Vinyl chloride	2.375	62	300244	25.874	ug/L	99
6) Bromomethane	2.790	94	161031	26.029	ug/L	99
8) Chloroethane	2.930	64	174127	26.109	ug/L	99
9) Trichlorofluoromethane	3.271	101	260302	25.917	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	256654	26.351	ug/L	98
12) 1,1-Dichloroethene	4.045	96	242989	25.785	ug/L	91
13) Acetone	4.125	43	140231	47.299	ug/L	99
14) Carbon disulfide	4.393	76	804428	27.455	ug/L	99
15) Methyl Acetate	4.679	43	114405m	20.570	ug/L	
16) Methylene chloride	4.917	84	258633	24.579	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	255629	25.877	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	348449	23.430	ug/L	99
19) 1,1-Dichloroethane	6.216	63	532457	26.029	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	278366	25.737	ug/L #	98
22) 2-Butanone	7.173	43	166067	43.300	ug/L	100
23) Bromochloromethane	7.514	128	111701	24.016	ug/L	91
25) Chloroform	7.679	83	493557	25.665	ug/L	98

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27) 1,2-Dichloroethane	8.398	62	316479	24.660	ug/L	98
29) Cyclohexane	7.959	56	503530	26.579	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	399779	25.057	ug/L	99
31) Carbon tetrachloride	8.069	117	359259	25.121	ug/L	98
33) Benzene	8.325	78	1113860	25.958	ug/L	100
34) Trichloroethene	9.093	95	284638	25.274	ug/L	99
35) Methylcyclohexane	9.337	83	510947	26.336	ug/L	99
37) 1,2-Dichloropropane	9.368	63	297706	25.205	ug/L	100
38) Bromodichloromethane	9.642	83	338624	24.583	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	434983	25.563	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	300154	42.281	ug/L	99
42) Toluene	10.386	91	1158574	26.150	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	348897	24.484	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	180418	22.745	ug/L	97
46) Tetrachloroethene	10.861	164	197889	24.695	ug/L	91
48) 2-Hexanone	10.965	43	225798	44.210	ug/L	99
49) Dibromochloromethane	11.130	129	200231	23.625	ug/L	100
50) 1,2-Dibromoethane	11.233	107	162690	22.158	ug/L	94
51) Chlorobenzene	11.654	112	698840	24.854	ug/L	99
52) Ethylbenzene	11.727	91	1310479	25.935	ug/L	98
53) m,p-Xylene	11.837	106	488695	26.222	ug/L	95
54) o-Xylene	12.166	106	456519	26.032	ug/L	94
55) Styrene	12.178	104	775688	25.901	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	211357	21.421	ug/L	99
59) Bromoform	12.349	173	104199	21.812	ug/L	98
60) Isopropylbenzene	12.459	105	1262382	25.575	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	153247	21.243	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1051091	26.887	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1016958	26.407	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	517671	24.751	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	520327	24.253	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	463695	24.719	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	31933	19.120	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	350601	24.659	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	282647	23.977	ug/L	99
71) Naphthalene	15.360	128	507228	21.798	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	241966	22.853	ug/L	99

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

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