

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072423\
 Data File : VW026640.D
 Acq On : 24 Jul 2023 09:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 01:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 22 01:25:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	648646	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587036	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	182939	16.720	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.880%		
7) Chloroethane-d5	2.893	69	149180	19.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.720%		
11) 1,1-Dichloroethene-d2	4.027	65	91241	17.757	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.040%		
21) 2-Butanone-d5	7.081	46	132731	37.536	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.080%		
24) Chloroform-d	7.648	84	437610	23.433	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.720%		
26) 1,2-Dichloroethane-d4	8.307	65	235008	22.538	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.160%		
32) Benzene-d6	8.276	84	842605	20.909	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.640%		
36) 1,2-Dichloropropane-d6	9.276	67	275257	22.214	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.840%		
41) Toluene-d8	10.325	98	735885	21.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	85.160%		
43) trans-1,3-Dichloroprop...	10.575	79	103775	20.899	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.600%		
47) 2-Hexanone-d5	10.922	63	94546	39.103	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.200%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	222435	21.198	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.800%		
66) 1,2-Dichlorobenzene-d4	13.848	152	230866	20.287	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	167399m	22.878	ug/L	
3) Chloromethane	2.223	50	221762	21.212	ug/L	97
5) Vinyl chloride	2.375	62	239741	21.759	ug/L	95
6) Bromomethane	2.789	94	131900	22.520	ug/L	97
8) Chloroethane	2.936	64	147459	23.935	ug/L	99
9) Trichlorofluoromethane	3.265	101	192763	23.621	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	206582	22.809	ug/L	98
12) 1,1-Dichloroethene	4.045	96	197081	22.680	ug/L	89
13) Acetone	4.131	43	123209	48.439	ug/L	99
14) Carbon disulfide	4.387	76	660132	21.671	ug/L	99
15) Methyl Acetate	4.673	43	119347	19.530	ug/L	99
16) Methylene chloride	4.917	84	235484	20.550	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	222152	23.911	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	333680	22.948	ug/L	99
19) 1,1-Dichloroethane	6.216	63	461032	24.819	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	240868	25.036	ug/L	99
22) 2-Butanone	7.173	43	168152	43.412	ug/L	99
23) Bromochloromethane	7.514	128	100982	24.504	ug/L	93
25) Chloroform	7.679	83	437464	25.704	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	304014	25.374	ug/L	98
29) Cyclohexane	7.959	56	408675	22.359	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	348617	24.229	ug/L	99
31) Carbon tetrachloride	8.069	117	324351	24.834	ug/L	96
33) Benzene	8.325	78	981021	24.254	ug/L	100
34) Trichloroethene	9.093	95	246650	23.739	ug/L	95
35) Methylcyclohexane	9.337	83	433654	23.244	ug/L	99
37) 1,2-Dichloropropane	9.368	63	267664	24.919	ug/L	99
38) Bromodichloromethane	9.642	83	308884	25.310	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	387243	25.040	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	330084	40.713	ug/L	99
42) Toluene	10.386	91	1015808	24.868	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	331021	25.380	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	178393	23.795	ug/L	97
46) Tetrachloroethene	10.861	164	172732	23.418	ug/L	95
48) 2-Hexanone	10.965	43	234626	41.468	ug/L	100
49) Dibromochloromethane	11.129	129	190191	25.621	ug/L	97
50) 1,2-Dibromoethane	11.233	107	162624	23.012	ug/L	100
51) Chlorobenzene	11.654	112	617107	24.640	ug/L	99
52) Ethylbenzene	11.727	91	1146144	25.203	ug/L	99
53) m,p-Xylene	11.837	106	421440	25.473	ug/L	94
54) o-Xylene	12.166	106	392427	25.271	ug/L	98
55) Styrene	12.178	104	702693	26.828	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	225941	22.964	ug/L	95
59) Bromoform	12.349	173	108203	22.072	ug/L	96
60) Isopropylbenzene	12.465	105	1100670	22.952	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164285	19.624	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	883388	24.017	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	892270	24.467	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	459436	22.831	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	472315	23.535	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	415193	23.313	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	37182	18.660	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	289984	21.776	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	243689	22.300	ug/L	98
71) Naphthalene	15.360	128	499313	20.176	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	219749	21.360	ug/L	98

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

