

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091923\
 Data File : VW027158.D
 Acq On : 19 Sep 2023 19:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 01:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 20 01:34:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	653295	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	366582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196569	17.939	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.760%		
7) Chloroethane-d5	2.899	69	194868	23.029	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.120%		
11) 1,1-Dichloroethene-d2	4.027	65	90378	19.238	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.960%		
21) 2-Butanone-d5	7.075	46	93328	45.998	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.000%		
24) Chloroform-d	7.648	84	418915	20.475	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.880%		
26) 1,2-Dichloroethane-d4	8.307	65	207214	20.756	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.040%		
32) Benzene-d6	8.276	84	913636	21.655	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.640%		
36) 1,2-Dichloropropane-d6	9.270	67	255814	21.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.720%		
41) Toluene-d8	10.318	98	954683	25.425	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.680%		
43) trans-1,3-Dichloroprop...	10.575	79	123630	25.627	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.520%		
47) 2-Hexanone-d5	10.922	63	89427	62.166	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	124.340%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218560	22.849	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	297576	22.731	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	166424m	21.483	ug/L	
3) Chloromethane	2.222	50	159143	19.144	ug/L	99
5) Vinyl chloride	2.375	62	219722	19.425	ug/L	97
6) Bromomethane	2.789	94	180487	22.977	ug/L	97
8) Chloroethane	2.936	64	168403	25.531	ug/L	96
9) Trichlorofluoromethane	3.265	101	176935	20.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	212081	20.955	ug/L	98
12) 1,1-Dichloroethene	4.045	96	210658	21.209	ug/L	93
13) Acetone	4.118	43	81175	42.349	ug/L	100
14) Carbon disulfide	4.393	76	654801	19.776	ug/L	99
15) Methyl Acetate	4.667	43	83486	22.076	ug/L	98
16) Methylene chloride	4.917	84	306191	23.632	ug/L	92
17) trans-1,2-Dichloroethene	5.435	96	233819m	21.694	ug/L	
18) Methyl tert-butyl Ether	5.423	73	355975	24.857	ug/L	98
19) 1,1-Dichloroethane	6.216	63	410267	21.706	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	261091	23.032	ug/L	94
22) 2-Butanone	7.167	43	114529	44.232	ug/L	96
23) Bromochloromethane	7.514	128	114804	21.997	ug/L	94
25) Chloroform	7.679	83	421157	21.696	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	258477	21.974	ug/L	98
29) Cyclohexane	7.959	56	352978	22.573	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	330653	21.416	ug/L	99
31) Carbon tetrachloride	8.069	117	296632	21.680	ug/L	99
33) Benzene	8.325	78	965712	22.381	ug/L	100
34) Trichloroethene	9.093	95	252305	22.126	ug/L	97
35) Methylcyclohexane	9.337	83	444129	22.834	ug/L	99
37) 1,2-Dichloropropane	9.367	63	236499	22.070	ug/L	99
38) Bromodichloromethane	9.642	83	305517	23.314	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	437498	27.257	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	328251	68.304	ug/L	93
42) Toluene	10.386	91	1210244	26.544	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	362539	26.914	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	222419	26.976	ug/L	98
46) Tetrachloroethene	10.867	164	210876	21.941	ug/L	90
48) 2-Hexanone	10.965	43	242279	69.908	ug/L	89
49) Dibromochloromethane	11.129	129	234180	27.140	ug/L	97
50) 1,2-Dibromoethane	11.233	107	208725	27.584	ug/L	99
51) Chlorobenzene	11.654	112	671511	22.317	ug/L	97
52) Ethylbenzene	11.727	91	1178321	23.563	ug/L	99
53) m,p-Xylene	11.836	106	461972	24.089	ug/L	94
54) o-Xylene	12.166	106	437871	23.967	ug/L	94
55) Styrene	12.178	104	755696	24.141	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	223497	23.136	ug/L	100
59) Bromoform	12.349	173	117478	22.121	ug/L	95
60) Isopropylbenzene	12.458	105	1173979	23.903	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	155350	22.723	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	978486	24.895	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	978062	25.683	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	541927	23.334	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	557425	23.093	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	493862	23.265	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33688	22.251	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	391209	23.401	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	330737	24.962	ug/L	96
71) Naphthalene	15.360	128	620931	28.171	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	292217	24.431	ug/L	94

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

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