

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021323\
 Data File : VW025330.D
 Acq On : 13 Feb 2023 14:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Feb 13 23:32:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 13 23:31:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	276810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	246273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	123642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48439	18.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.320%		
7) Chloroethane-d5	2.899	69	45757	19.238	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.960%		
11) 1,1-Dichloroethene-d2	4.021	63	166865	22.466	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	89.880%		
21) 2-Butanone-d5	7.075	46	37965	54.597	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.200%		
24) Chloroform-d	7.648	84	183507	25.293	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.160%		
26) 1,2-Dichloroethane-d4	8.301	65	97881	27.696	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.800%		
32) Benzene-d6	8.276	84	335680	22.489	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	9.270	67	95704	21.914	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.640%		
41) Toluene-d8	10.319	98	309090	23.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.680%		
43) trans-1,3-Dichloroprop...	10.575	79	42907	26.293	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	105.160%		
47) 2-Hexanone-d5	10.922	63	30868	63.040	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	126.080%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76114	25.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	102.520%		
66) 1,2-Dichlorobenzene-d4	13.848	152	103930	24.228	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	93251m	24.896	ug/L	
3) Chloromethane	2.222	50	75503	21.000	ug/L	99
5) Vinyl chloride	2.375	62	84123	22.974	ug/L	93
6) Bromomethane	2.789	94	57381	22.887	ug/L	98
8) Chloroethane	2.930	64	54252	23.733	ug/L	96
9) Trichlorofluoromethane	3.265	101	118037	22.411	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103253	27.035	ug/L	97
12) 1,1-Dichloroethene	4.045	96	100416	26.487	ug/L	90
13) Acetone	4.118	43	35063	45.730	ug/L	96
14) Carbon disulfide	4.393	76	298100	24.061	ug/L	100
15) Methyl Acetate	4.667	43	36837	28.077	ug/L	97
16) Methylene chloride	4.911	84	105527	22.395	ug/L	89
17) trans-1,2-Dichloroethene	5.423	96	108498	26.648	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	160307	27.389	ug/L	98
19) 1,1-Dichloroethane	6.216	63	201161	27.747	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	117106	27.393	ug/L	98
22) 2-Butanone	7.167	43	46223	49.574	ug/L	96
23) Bromochloromethane	7.508	128	50101	28.452	ug/L	94
25) Chloroform	7.673	83	218951	29.361	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144345	31.781	ug/L	97
29) Cyclohexane	7.953	56	167257	23.583	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	195502	27.987	ug/L	100
31) Carbon tetrachloride	8.069	117	184798	28.602	ug/L	97
33) Benzene	8.319	78	438488	25.729	ug/L	100
34) Trichloroethene	9.087	95	124414	26.062	ug/L	97
35) Methylcyclohexane	9.337	83	203071	23.832	ug/L	99
37) 1,2-Dichloropropane	9.361	63	105890	25.192	ug/L	99
38) Bromodichloromethane	9.642	83	155348	27.795	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	179011	26.010	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	99693	53.717	ug/L	98
42) Toluene	10.386	91	489480	28.882	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	153233	31.235	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	82474	31.133	ug/L	97
46) Tetrachloroethene	10.861	164	90887	29.791	ug/L	93
48) 2-Hexanone	10.965	43	70486	60.160	ug/L	99
49) Dibromochloromethane	11.129	129	94696	31.649	ug/L	99
50) 1,2-Dibromoethane	11.233	107	75463	31.097	ug/L #	95
51) Chlorobenzene	11.654	112	309373	27.738	ug/L	95
52) Ethylbenzene	11.727	91	575139	28.324	ug/L	98
53) m,p-Xylene	11.837	106	219543	28.528	ug/L	98
54) o-Xylene	12.160	106	205312	26.502	ug/L	98
55) Styrene	12.178	104	355010	27.064	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	87401	27.690	ug/L	99
59) Bromoform	12.349	173	52409	29.876	ug/L	98
60) Isopropylbenzene	12.458	105	582095	27.799	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	66574	30.283	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	493921	29.259	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	489399	28.934	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	246357	28.397	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	245642	28.694	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	213106	28.505	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	15842	30.854	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	166956	29.593	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	136483	29.710	ug/L	99
71) Naphthalene	15.360	128	266438	31.727	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116515	29.540	ug/L	98

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

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