

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082923\
 Data File : VW026957.D
 Acq On : 29 Aug 2023 18:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Aug 29 20:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 29 20:47:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2023
 Supervised By : Mahesh Dadoda 09/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	359613	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	355176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	206677	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	113011	19.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.480%		
7) Chloroethane-d5	2.893	69	97844m	22.258	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.040%		
11) 1,1-Dichloroethene-d2	4.027	65	59015	20.297	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.200%		
21) 2-Butanone-d5	7.075	46	101144	59.527	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.060%		
24) Chloroform-d	7.648	84	326016	27.011	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.040%		
26) 1,2-Dichloroethane-d4	8.307	65	193657	29.075	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.280%		
32) Benzene-d6	8.276	84	588665	24.048	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.200%		
36) 1,2-Dichloropropane-d6	9.270	67	193812	25.419	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.680%		
41) Toluene-d8	10.325	98	511021	24.320	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.280%		
43) trans-1,3-Dichloroprop...	10.575	79	78653	24.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.920%		
47) 2-Hexanone-d5	10.922	63	51091	63.769	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	127.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	171668	28.509	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.040%		
66) 1,2-Dichlorobenzene-d4	13.849	152	182505	24.671	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99103	20.269	ug/L	99
3) Chloromethane	2.229	50	145601	21.778	ug/L	100
5) Vinyl chloride	2.369	62	140458	21.976	ug/L	99
6) Bromomethane	2.783	94	80596	21.644	ug/L	89
8) Chloroethane	2.930	64	88306	23.059	ug/L	98
9) Trichlorofluoromethane	2.359	101	120785	23.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	130598	23.051	ug/L	95
12) 1,1-Dichloroethene	4.052	96	123536	23.241	ug/L	95
13) Acetone	4.119	43	68321	40.440	ug/L	98
14) Carbon disulfide	4.393	76	359738	18.812	ug/L	99
15) Methyl Acetate	4.667	43	99107	29.286	ug/L	100
16) Methylene chloride	4.923	84	173124	24.887	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	141204	23.806	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	277615	30.933	ug/L	98
19) 1,1-Dichloroethane	6.216	63	333528	27.321	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	168877	26.489	ug/L	93
22) 2-Butanone	7.167	43	129315	51.940	ug/L	99
23) Bromochloromethane	7.514	128	72125	26.189	ug/L	93
25) Chloroform	7.673	83	332838	28.222	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	256221	31.142	ug/L	95
29) Cyclohexane	7.959	56	254818	23.199	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	246542	26.597	ug/L	98
31) Carbon tetrachloride	8.069	117	222074	26.202	ug/L	94
33) Benzene	8.325	78	676801	26.167	ug/L	100
34) Trichloroethene	9.093	95	168504	25.579	ug/L	97
35) Methylcyclohexane	9.337	83	261073	23.166	ug/L	98
37) 1,2-Dichloropropane	9.368	63	190424	26.879	ug/L	100
38) Bromodichloromethane	9.642	83	239344	28.798	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	281227	27.593	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	293877	63.771	ug/L	98
42) Toluene	10.386	91	715306	27.339	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	248722	28.353	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	131190	27.076	ug/L	97
46) Tetrachloroethene	10.861	164	120224	25.121	ug/L	90
48) 2-Hexanone	10.965	43	203894	65.023	ug/L	97
49) Dibromochloromethane	11.130	129	142374	28.095	ug/L	92
50) 1,2-Dibromoethane	11.233	107	116086	25.534	ug/L	97
51) Chlorobenzene	11.660	112	430361	26.039	ug/L	100
52) Ethylbenzene	11.727	91	795769	27.121	ug/L	98
53) m,p-Xylene	11.837	106	297344	27.355	ug/L	96
54) o-Xylene	12.166	106	292787	28.861	ug/L	98
55) Styrene	12.178	104	517126	29.317	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	169173	27.569	ug/L	98
59) Bromoform	12.349	173	84711	26.165	ug/L	97
60) Isopropylbenzene	12.459	105	811066	26.395	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	130695	26.069	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	656093	27.014	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	661301	27.786	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	342913	25.660	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	345949	24.806	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	314243	25.859	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	31437	26.011	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	231668	25.660	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	200114	26.142	ug/L	95
71) Naphthalene	15.360	128	412251	28.233	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	183457	26.571	ug/L	97

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

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