

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026553.D
 Acq On : 06 Jul 2023 19:44
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Quant Time: Jul 07 02:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/07/2023
 Supervised By : Semsettin Yesilyurt 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774005	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	680405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	326929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	297913	25.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.400%
7) Chloroethane-d5	2.893	69	220380	22.888	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.560%
11) 1,1-Dichloroethene-d2	4.027	65	140654	25.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.640%
21) 2-Butanone-d5	7.075	46	219764	49.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.720%
24) Chloroform-d	7.648	84	588749	25.819	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	8.307	65	331508	24.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.276	84	1230142	28.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.440%
36) 1,2-Dichloropropane-d6	9.276	67	387636	28.026	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.120%
41) Toluene-d8	10.325	98	1083539	27.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.280%
43) trans-1,3-Dichloroprop...	10.575	79	143557	25.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.922	63	142454	51.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	316213	26.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	323461	24.912	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	218261	24.741	ug/L #	69
3) Chloromethane	2.228	50	321749	22.554	ug/L	99
5) Vinyl chloride	2.381	62	292543	20.822	ug/L	99
6) Bromomethane	2.783	94	164071	20.001	ug/L	93
8) Chloroethane	2.930	64	180161	21.287	ug/L	98
9) Trichlorofluoromethane	3.265	101	185440	20.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	251533m	23.820	ug/L	
12) 1,1-Dichloroethene	4.051	96	237127	24.279	ug/L	94
13) Acetone	4.125	43	119725	43.357	ug/L	98
14) Carbon disulfide	4.393	76	744142	24.000	ug/L	99
15) Methyl Acetate	4.673	43	179207	26.083	ug/L	100
16) Methylene chloride	4.923	84	283476	20.551	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	264305	24.047	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	467848	24.346	ug/L	99
19) 1,1-Dichloroethane	6.216	63	559336	23.631	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	299766	23.772	ug/L	96
22) 2-Butanone	7.167	43	225271	43.831	ug/L	100
23) Bromochloromethane	7.514	128	122996	23.551	ug/L	95
25) Chloroform	7.679	83	521600	24.590	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	369374	23.632	ug/L	98
29) Cyclohexane	7.959	56	491271	25.917	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	391938	25.602	ug/L	99
31) Carbon tetrachloride	8.069	117	339804	24.620	ug/L	100
33) Benzene	8.325	78	1165834	26.458	ug/L	100
34) Trichloroethene	9.093	95	292296	26.007	ug/L	97
35) Methylcyclohexane	9.337	83	488706	25.457	ug/L	99
37) 1,2-Dichloropropane	9.367	63	322739	26.735	ug/L	100
38) Bromodichloromethane	9.642	83	369225	25.921	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	445177	25.010	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	491033	52.566	ug/L	100
42) Toluene	10.386	91	1185747	26.438	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	371313	24.891	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	220965	24.900	ug/L	99
46) Tetrachloroethene	10.861	164	196503	24.917	ug/L	95
48) 2-Hexanone	10.965	43	323613	49.682	ug/L	95
49) Dibromochloromethane	11.129	129	225908	25.409	ug/L	95
50) 1,2-Dibromoethane	11.233	107	208387	25.606	ug/L	100
51) Chlorobenzene	11.654	112	730382	24.914	ug/L	97
52) Ethylbenzene	11.727	91	1316117	24.849	ug/L	99
53) m,p-Xylene	11.837	106	489740	25.289	ug/L	92
54) o-Xylene	12.166	106	471364	25.121	ug/L	90
55) Styrene	12.178	104	808590	25.199	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	284456	24.485	ug/L	96
59) Bromoform	12.349	173	129988	25.346	ug/L	99
60) Isopropylbenzene	12.458	105	1269979	25.327	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	218995	25.711	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1046440	25.311	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1034982	26.024	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	522484	24.492	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	531115	24.968	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	472094	23.491	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	48848	22.742	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	342568	24.141	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	295239	25.505	ug/L	97
71) Naphthalene	15.360	128	690464	26.653	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	265860	25.705	ug/L	99

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

