

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033800.D
 Acq On : 14 Aug 2019 16:30
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 15 14:50:47 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Aug 15 14:46:32 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	189829	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	200632	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	110932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	84995	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.67	69	71653	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.26	65	39727	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.19	46	191826	46.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.42%
24) Chloroform-d	4.62	84	140324	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.29	65	71998	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.32	84	256213	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.31	67	82330	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.55	98	235444	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.83	79	33567	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.30	63	146945	47.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.34%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	74208	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
66) 1,2-Dichlorobenzene-d4	11.84	152	94409	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	133344	4.846	ug/L 99
3) Chloromethane	1.32	50	134057	4.694	ug/L 99
5) Vinyl chloride	1.39	62	148467	4.768	ug/L 98
6) Bromomethane	1.62	94	86652	4.782	ug/L 97
8) Chloroethane	1.69	64	89493	4.866	ug/L 98
9) Trichlorofluoromethane	1.87	101	205568	4.819	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	109906	4.855	ug/L 99
12) 1,1-Dichloroethene	2.27	96	103758	4.743	ug/L 95
13) Acetone	2.34	43	219494	49.613	ug/L # 50
14) Carbon disulfide	2.46	76	352786	4.749	ug/L 100
15) Methyl Acetate	2.61	43	53821	4.680	ug/L 99
16) Methylene chloride	2.68	84	118436	4.638	ug/L 99
17) Methyl tert-butyl Ether	2.98	73	275937	4.872	ug/L 98
18) trans-1,2-Dichloroethene	2.96	96	112344	4.783	ug/L 99
19) 1,1-Dichloroethane	3.42	63	177061	4.822	ug/L 98
21) 2-Butanone	4.27	43	266729	48.696	ug/L 99
22) cis-1,2-Dichloroethene	4.20	96	94384	4.710	ug/L 99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	46098	4.798	ug/L	96
25) Chloroform	4.65	83	182464	4.617	ug/L	96
27) 1,2-Dichloroethane	5.39	62	114878	4.717	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	152726	4.678	ug/L	99
30) Cyclohexane	4.97	56	136626	4.623	ug/L	99
31) Carbon tetrachloride	5.11	117	136836	4.710	ug/L	99
33) Benzene	5.37	78	381582	4.755	ug/L	100
34) Trichloroethene	6.16	95	99425	4.724	ug/L	98
35) Methylcyclohexane	6.39	83	149626	4.742	ug/L	97
37) 1,2-Dichloropropane	6.41	63	103495	4.773	ug/L	99
38) Bromodichloromethane	6.74	83	125920	4.605	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	134540	4.598	ug/L	96
40) 4-Methyl-2-pentanone	7.45	43	616152	49.171	ug/L	99
42) Toluene	7.62	91	418453	4.962	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	118136	4.829	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	73553	4.747	ug/L	98
47) Tetrachloroethene	8.21	164	82074	4.678	ug/L	97
48) 2-Hexanone	8.35	43	459174	50.668	ug/L	99
49) Dibromochloromethane	8.46	129	89597	4.769	ug/L	99
50) 1,2-Dibromoethane	8.57	107	71300	4.760	ug/L	100
51) Chlorobenzene	9.10	112	259811	4.786	ug/L	99
52) Ethylbenzene	9.23	91	417534	4.784	ug/L	98
53) m,p-Xylene	9.36	106	161695	4.913	ug/L	97
54) o-Xylene	9.76	106	156983	5.024	ug/L	99
55) Styrene	9.77	104	281418	5.190	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.44	83	94807	4.658	ug/L	97
59) Isopropylbenzene	10.15	105	411145	4.861	ug/L	99
60) Bromoform	9.94	173	52172	4.604	ug/L	95
61) 1,2,3-Trichloropropane	10.48	75	67353	4.572	ug/L	99
62) 1,3,5-Trimethylbenzene	10.76	105	331856	4.836	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	339399	4.956	ug/L	99
64) 1,3-Dichlorobenzene	11.40	146	212258	4.693	ug/L	98
65) 1,4-Dichlorobenzene	11.49	146	215407	4.626	ug/L	99
67) 1,2-Dichlorobenzene	11.86	146	204735	4.689	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.64	75	14837	4.614	ug/L	96
69) 1,3,5-Trichlorobenzene	12.87	180	164059	4.612	ug/L	98
70) 1,2,4-trichlorobenzene	13.49	180	130595	4.717	ug/L	100
71) Naphthalene	13.73	128	203077	4.764	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	126636	4.854	ug/L	99

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

