

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101419\
 Data File : VU035140.D
 Acq On : 14 Oct 2019 10:03
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Oct 15 07:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 02:41:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	162830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	81858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44306	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.67	69	43414	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.26	63	97976	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.16	46	148995	52.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.12%
24) Chloroform-d	4.62	84	89873	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.29	65	51492	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.32	84	172941	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	59910	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.54	98	162923	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.83	79	21181	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.30	63	107614	47.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54581	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	58856	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	74419	5.001	ug/L 99
3) Chloromethane	1.32	50	79003	4.840	ug/L 100
5) Vinyl chloride	1.40	62	81860	5.105	ug/L 100
6) Bromomethane	1.62	94	45803	5.139	ug/L 99
8) Chloroethane	1.69	64	49115	5.107	ug/L 96
9) Trichlorofluoromethane	1.88	101	104788	5.404	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	58350	5.240	ug/L 97
12) 1,1-Dichloroethene	2.27	96	52343	5.005	ug/L 84
13) Acetone	2.31	43	122880	52.931	ug/L 95
14) Carbon disulfide	2.46	76	168841	4.851	ug/L 99
15) Methyl Acetate	2.60	43	31876	5.158	ug/L 94
16) Methylene chloride	2.68	84	65413	5.052	ug/L 86
17) Methyl tert-butyl Ether	2.98	73	150221	5.265	ug/L 97
18) trans-1,2-Dichloroethene	2.96	96	55997	5.000	ug/L 89
19) 1,1-Dichloroethane	3.42	63	119090	5.350	ug/L 98
21) 2-Butanone	4.25	43	174439	52.764	ug/L 96
22) cis-1,2-Dichloroethene	4.20	96	61422	4.917	ug/L 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	28382	5.421	ug/L	92
25) Chloroform	4.65	83	128107	5.122	ug/L	97
27) 1,2-Dichloroethane	5.38	62	76427	5.233	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	95886	5.088	ug/L	97
30) Cyclohexane	4.97	56	93288	4.502	ug/L	95
31) Carbon tetrachloride	5.11	117	85282	5.219	ug/L	98
33) Benzene	5.36	78	251369	4.973	ug/L	100
34) Trichloroethene	6.16	95	62588	4.801	ug/L	99
35) Methylcyclohexane	6.39	83	96428	4.567	ug/L	96
37) 1,2-Dichloropropane	6.41	63	71693	5.258	ug/L	98
38) Bromodichloromethane	6.74	83	83112	5.200	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	91119	4.933	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	440477	51.328	ug/L	94
42) Toluene	7.62	91	273845	5.190	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	74051	5.176	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	48131	5.317	ug/L	95
47) Tetrachloroethene	8.21	164	50712	4.806	ug/L	96
48) 2-Hexanone	8.35	43	293091	49.813	ug/L	95
49) Dibromochloromethane	8.46	129	56320	5.382	ug/L	100
50) 1,2-Dibromoethane	8.57	107	45054	5.207	ug/L	99
51) Chlorobenzene	9.10	112	170005	4.972	ug/L	99
52) Ethylbenzene	9.23	91	287859	4.940	ug/L	99
53) m,p-Xylene	9.36	106	105727	4.912	ug/L	99
54) o-Xylene	9.76	106	104182	4.949	ug/L	96
55) Styrene	9.77	104	175511	5.148	ug/L	100
56) Isopropylbenzene	10.15	105	274680	4.898	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	64337	5.226	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	45546	5.161	ug/L	96
61) Bromoform	9.94	173	31010	5.523	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	127538	5.058	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	128024	5.030	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	123555	5.078	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	8490	5.490	ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	78565	4.601	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	51835	4.065	ug/L	98
69) Naphthalene	13.73	128	70665	3.564	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	54599	4.403	ug/L	96

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

