

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100819\
 Data File : VU034980.D
 Acq On : 08 Oct 2019 08:57
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Oct 09 06:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	182179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	93852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48848	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.67	69	47335	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.26	63	105984	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.18	46	159929	50.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.86%
24) Chloroform-d	4.62	84	91049	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.29	65	57418	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.31	84	201147	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	67503	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.54	98	195027	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.83	79	23612	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.30	63	120511	48.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58922	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	74811	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	85525	5.137 ug/L	99
3) Chloromethane	1.32	50	92247	5.051 ug/L	98
5) Vinyl chloride	1.40	62	93513	5.213 ug/L	98
6) Bromomethane	1.62	94	49783	4.992 ug/L	99
8) Chloroethane	1.69	64	55131	5.124 ug/L	98
9) Trichlorofluoromethane	1.88	101	113825	5.246 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	64475	5.175 ug/L	100
12) 1,1-Dichloroethene	2.27	96	60675	5.185 ug/L	91
13) Acetone	2.32	43	132397	50.974 ug/L	97
14) Carbon disulfide	2.46	76	196221	5.039 ug/L	98
15) Methyl Acetate	2.61	43	34051	4.925 ug/L	96
16) Methylene chloride	2.68	84	72184	4.983 ug/L	94
17) Methyl tert-butyl Ether	2.99	73	164103	5.140 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	64945	5.183 ug/L	98
19) 1,1-Dichloroethane	3.42	63	129741	5.210 ug/L	97
21) 2-Butanone	4.26	43	202583	54.769 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	70794	5.065 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	31534	5.383	ug/L	95
25) Chloroform	4.65	83	141928	5.072	ug/L	98
27) 1,2-Dichloroethane	5.38	62	85419	5.227	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	103668	5.001	ug/L	99
30) Cyclohexane	4.96	56	107343	4.710	ug/L	98
31) Carbon tetrachloride	5.11	117	91890	5.113	ug/L	99
33) Benzene	5.36	78	279267	5.023	ug/L	100
34) Trichloroethene	6.16	95	71400	4.980	ug/L	97
35) Methylcyclohexane	6.39	83	112180	4.831	ug/L	97
37) 1,2-Dichloropropane	6.41	63	75508	5.035	ug/L	100
38) Bromodichloromethane	6.73	83	87549	4.980	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	100568	4.950	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	472125	50.022	ug/L	100
42) Toluene	7.61	91	300667	5.181	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	79600	5.059	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	51703	5.193	ug/L	98
47) Tetrachloroethene	8.21	164	59833	5.156	ug/L	96
48) 2-Hexanone	8.35	43	327770	50.649	ug/L	100
49) Dibromochloromethane	8.46	129	59333	5.155	ug/L	95
50) 1,2-Dibromoethane	8.57	107	49435	5.195	ug/L	97
51) Chlorobenzene	9.10	112	190586	5.068	ug/L	100
52) Ethylbenzene	9.23	91	325465	5.078	ug/L	98
53) m,p-Xylene	9.35	106	121141	5.117	ug/L	99
54) o-Xylene	9.76	106	118442	5.115	ug/L	98
55) Styrene	9.77	104	198482	5.294	ug/L	99
56) Isopropylbenzene	10.14	105	317706	5.150	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.43	83	69770	5.152	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	49979	5.149	ug/L	100
61) Bromoform	9.94	173	31495	4.893	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	149049	5.155	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	148361	5.084	ug/L	99
65) 1,2-Dichlorobenzene	11.85	146	140581	5.039	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.64	75	8595	4.848	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	101828	5.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	74847	5.119	ug/L	98
69) Naphthalene	13.72	128	100052	4.401	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	71851	5.054	ug/L	98

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

