

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101519\
 Data File : VU035179.D
 Acq On : 15 Oct 2019 09:22
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Oct 15 14:53:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 07:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	160654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	164457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	83926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40728	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.67	69	39957	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.26	63	87413	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.18	46	151904	54.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.64%
24) Chloroform-d	4.63	84	86125	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.29	65	47388	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.32	84	158331	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.31	67	57155	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.54	98	149716	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.83	79	19659	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.30	63	108540	49.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.38%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53414	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	57100	4.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	69437	4.729 ug/L	98
3) Chloromethane	1.32	50	76471	4.748 ug/L	100
5) Vinyl chloride	1.40	62	78176	4.942 ug/L	100
6) Bromomethane	1.62	94	48908	5.561 ug/L	98
8) Chloroethane	1.69	64	47468	5.003 ug/L	96
9) Trichlorofluoromethane	1.88	101	96865	5.063 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	53987	4.914 ug/L	97
12) 1,1-Dichloroethene	2.27	96	50198	4.865 ug/L	82
13) Acetone	2.32	43	123249	53.809 ug/L	94
14) Carbon disulfide	2.46	76	154194	4.490 ug/L	99
15) Methyl Acetate	2.61	43	30433	4.991 ug/L	97
16) Methylene chloride	2.68	84	58559	4.584 ug/L	87
17) Methyl tert-butyl Ether	2.99	73	141619	5.030 ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	52555	4.756 ug/L	98
19) 1,1-Dichloroethane	3.42	63	113405	5.164 ug/L	100
21) 2-Butanone	4.26	43	180045	55.197 ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	58531	4.749 ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	26732	5.175	ug/L	89
25) Chloroform	4.65	83	114812	4.653	ug/L	99
27) 1,2-Dichloroethane	5.38	62	74705	5.184	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	90620	4.906	ug/L	97
30) Cyclohexane	4.96	56	87147	4.291	ug/L	94
31) Carbon tetrachloride	5.11	117	78936	4.929	ug/L	99
33) Benzene	5.36	78	234570	4.735	ug/L	100
34) Trichloroethene	6.16	95	59796	4.681	ug/L	97
35) Methylcyclohexane	6.39	83	89680	4.334	ug/L	96
37) 1,2-Dichloropropane	6.41	63	67317	5.037	ug/L	100
38) Bromodichloromethane	6.74	83	78918	5.038	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	84966	4.694	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	433663	51.563	ug/L	96
42) Toluene	7.62	91	255089	4.933	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	69290	4.942	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	46048	5.190	ug/L	97
47) Tetrachloroethene	8.21	164	47742	4.617	ug/L	98
48) 2-Hexanone	8.35	43	310493	53.845	ug/L	97
49) Dibromochloromethane	8.46	129	53506	5.217	ug/L	97
50) 1,2-Dibromoethane	8.57	107	42841	5.052	ug/L	96
51) Chlorobenzene	9.10	112	161467	4.819	ug/L	98
52) Ethylbenzene	9.23	91	267021	4.675	ug/L	100
53) m,p-Xylene	9.36	106	100784	4.777	ug/L	95
54) o-Xylene	9.76	106	97631	4.732	ug/L	94
55) Styrene	9.77	104	166868	4.994	ug/L	98
56) Isopropylbenzene	10.15	105	263884	4.801	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	62319	5.165	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	45023	5.205	ug/L	100
61) Bromoform	9.94	173	28967	5.032	ug/L	94
62) 1,3-Dichlorobenzene	11.40	146	121956	4.717	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	125028	4.792	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	118964	4.769	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8062	5.085	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	77776	4.443	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	52839	4.041	ug/L	99
69) Naphthalene	13.72	128	77454	3.810	ug/L	98
70) 1,2,3-Trichlorobenzene	13.96	180	56546	4.448	ug/L	98

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

