

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039341.D
 Acq On : 08 Jul 2020 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Jul 09 02:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 12:19:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	124100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29931	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	29186	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.58	63	57960	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.66	46	170849	51.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	5.08	84	69350	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	43954	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	123952	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.70	67	45407	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.91	98	103891	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.19	79	19792	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	131223	49.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	47180	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	44923	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	37022	4.922	ug/L	99
3) Chloromethane	1.53	50	39935	4.382	ug/L	100
5) Vinyl chloride	1.61	62	44794	4.427	ug/L	98
6) Bromomethane	1.87	94	19416	4.455	ug/L	93
8) Chloroethane	1.94	64	29825	4.080	ug/L	94
9) Trichlorofluoromethane	2.15	101	81789	4.655	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35819	4.968	ug/L	98
12) 1,1-Dichloroethene	2.59	96	33539	4.544	ug/L	86
13) Acetone	2.66	43	83723	47.131	ug/L	99
14) Carbon disulfide	2.81	76	113745	4.375	ug/L	99
15) Methyl Acetate	2.97	43	20853	4.444	ug/L #	90
16) Methylene chloride	3.06	84	39569	4.262	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	101585	4.368	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	35797	4.381	ug/L	98
19) 1,1-Dichloroethane	3.89	63	69747	4.363	ug/L	99
21) 2-Butanone	4.74	43	143493	45.257	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	40224	4.390	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039341.D
 Acq On : 08 Jul 2020 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Jul 09 02:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 12:19:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	17732	4.260	ug/L	87
25) Chloroform	5.11	83	72973	4.520	ug/L	100
27) 1,2-Dichloroethane	5.81	62	51087	4.375	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	61507	4.356	ug/L	97
30) Cyclohexane	5.40	56	68494	4.607	ug/L	99
31) Carbon tetrachloride	5.54	117	52511	4.359	ug/L	97
33) Benzene	5.79	78	156192	4.358	ug/L	100
34) Trichloroethene	6.55	95	40221	4.341	ug/L	98
35) Methylcyclohexane	6.77	83	69765	4.700	ug/L	100
37) 1,2-Dichloropropane	6.81	63	41788	4.277	ug/L	100
38) Bromodichloromethane	7.11	83	52239	4.187	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	63209	4.280	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	350435	42.993	ug/L	98
42) Toluene	7.98	91	166719	4.344	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	57077	4.356	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	30678	4.371	ug/L	99
47) Tetrachloroethene	8.56	164	29098	4.514	ug/L	96
48) 2-Hexanone	8.69	43	262979	43.757	ug/L	98
49) Dibromochloromethane	8.82	129	35952	4.229	ug/L	99
50) 1,2-Dibromoethane	8.93	107	29446	4.130	ug/L	85
51) Chlorobenzene	9.45	112	102281	4.361	ug/L	99
52) Ethylbenzene	9.57	91	184969	4.361	ug/L	100
53) m,p-Xylene	9.70	106	69839	4.370	ug/L	100
54) o-Xylene	10.10	106	66102	4.248	ug/L	97
55) Styrene	10.12	104	112742	4.164	ug/L	99
56) Isopropylbenzene	10.48	105	178233	4.236	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	40319	4.127	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	30874	4.287	ug/L	98
61) Bromoform	10.29	173	21095	4.337	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	80302	4.440	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	79992	4.409	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	78514	4.331	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6893	4.304	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	61483	4.543	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	52771	4.556	ug/L	98
69) Naphthalene	14.08	128	104467	4.483	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	48946	4.561	ug/L	97

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

