

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038513.D
 Acq On : 03 Jun 2020 14:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Jun 04 01:02:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	371841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	365817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	187904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91933	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.93	69	78116	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	208944	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.69	46	372232	50.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.84%
24) Chloroform-d	5.10	84	214158	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.74	65	119741	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	407552	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	124220	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.92	98	366196	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	55951	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.66	63	302291	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114878	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	147854	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	151981	5.186	ug/L 99
3) Chloromethane	1.53	50	126039	4.683	ug/L 99
5) Vinyl chloride	1.62	62	139993	4.855	ug/L 96
6) Bromomethane	1.87	94	78171	5.584	ug/L 97
8) Chloroethane	1.95	64	85246	4.934	ug/L 100
9) Trichlorofluoromethane	2.16	101	207431	5.422	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	128529	5.705	ug/L 98
12) 1,1-Dichloroethene	2.60	96	117119	5.114	ug/L 92
13) Acetone	2.69	43	269909	56.414	ug/L 97
14) Carbon disulfide	2.82	76	343199	4.417	ug/L 100
15) Methyl Acetate	2.99	43	63464	5.415	ug/L 99
16) Methylene chloride	3.08	84	132168	5.100	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	333120	5.548	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	124208	5.033	ug/L 94
19) 1,1-Dichloroethane	3.91	63	232645	5.268	ug/L 99
21) 2-Butanone	4.76	43	443381	55.097	ug/L 93
22) cis-1,2-Dichloroethene	4.71	96	135647	5.105	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038513.D
 Acq On : 03 Jun 2020 14:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00507

Quant Time: Jun 04 01:02:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 03 00:48:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	62873	5.257	ug/L	95
25) Chloroform	5.13	83	243086	5.418	ug/L	100
27) 1,2-Dichloroethane	5.83	62	166638	5.276	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	212186	5.482	ug/L	99
30) Cyclohexane	5.42	56	203282	5.008	ug/L	99
31) Carbon tetrachloride	5.56	117	177367	5.504	ug/L	99
33) Benzene	5.81	78	522449	5.122	ug/L	100
34) Trichloroethene	6.57	95	138713	5.239	ug/L	99
35) Methylcyclohexane	6.79	83	205988	5.025	ug/L	99
37) 1,2-Dichloropropane	6.82	63	135716	5.287	ug/L	99
38) Bromodichloromethane	7.13	83	179376	5.627	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	207189	5.461	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	994397	54.168	ug/L	99
42) Toluene	8.00	91	566310	5.293	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	182599	5.450	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	107086	5.530	ug/L	98
47) Tetrachloroethene	8.58	164	102553	5.331	ug/L	96
48) 2-Hexanone	8.71	43	752406	54.120	ug/L	99
49) Dibromochloromethane	8.83	129	121825	5.828	ug/L	97
50) 1,2-Dibromoethane	8.95	107	100625	5.426	ug/L	99
51) Chlorobenzene	9.47	112	366697	5.314	ug/L	98
52) Ethylbenzene	9.59	91	629764	5.290	ug/L	99
53) m,p-Xylene	9.71	106	248023	5.418	ug/L	99
54) o-Xylene	10.12	106	241982	5.506	ug/L	96
55) Styrene	10.13	104	413947	5.549	ug/L	100
56) Isopropylbenzene	10.50	105	638510	5.520	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	135498	5.506	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	105939	5.529	ug/L	100
61) Bromoform	10.31	173	66297	5.664	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	299627	5.427	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	304661	5.442	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	285754	5.451	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	24606	5.797	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	227027	5.512	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	204542	5.365	ug/L	100
69) Naphthalene	14.12	128	419748	5.532	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	196167	5.655	ug/L	95

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

