

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040199.D
 Acq On : 18 Sep 2020 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00513

Quant Time: Sep 18 23:18:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30747	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.92	69	27846	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.58	63	80085	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	4.65	46	135361	51.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	5.08	84	75241	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	47488	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	135911	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	45959	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.90	98	118337	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.19	79	19512	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	103249	52.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41740	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45822	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	60193	5.014	ug/L 99
3) Chloromethane	1.53	50	55826	4.857	ug/L 99
5) Vinyl chloride	1.61	62	57214	4.910	ug/L 97
6) Bromomethane	1.87	94	31125	5.226	ug/L 98
8) Chloroethane	1.94	64	32910	4.699	ug/L 98
9) Trichlorofluoromethane	2.15	101	88317	5.291	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	59100	5.462	ug/L 99
12) 1,1-Dichloroethene	2.59	96	50076	5.349	ug/L 93
13) Acetone	2.66	43	124148	50.763	ug/L 98
14) Carbon disulfide	2.81	76	140820	4.691	ug/L 100
15) Methyl Acetate	2.97	43	28608	4.661	ug/L 99
16) Methylene chloride	3.06	84	59186	4.827	ug/L 89
17) Methyl tert-butyl Ether	3.38	73	141702	5.022	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	51514	5.115	ug/L 99
19) 1,1-Dichloroethane	3.89	63	105416	5.085	ug/L 98
21) 2-Butanone	4.73	43	197476	49.459	ug/L 96
22) cis-1,2-Dichloroethene	4.68	96	59386	5.484	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	27383	5.771	ug/L	91
25) Chloroform	5.11	83	119490	5.629	ug/L	99
27) 1,2-Dichloroethane	5.81	62	80428	5.171	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	97468	5.318	ug/L	98
30) Cyclohexane	5.40	56	86695	4.878	ug/L	99
31) Carbon tetrachloride	5.54	117	82764	5.277	ug/L	100
33) Benzene	5.79	78	222459	5.327	ug/L	100
34) Trichloroethene	6.55	95	58611	5.232	ug/L	95
35) Methylcyclohexane	6.77	83	84094	4.903	ug/L	99
37) 1,2-Dichloropropane	6.80	63	61766	5.462	ug/L	99
38) Bromodichloromethane	7.11	83	81069	5.252	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	83170	4.987	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	475591	51.263	ug/L	98
42) Toluene	7.98	91	239243	5.563	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	79809	5.165	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	44555	5.409	ug/L	96
47) Tetrachloroethene	8.56	164	40066	5.445	ug/L	98
48) 2-Hexanone	8.69	43	354795	52.428	ug/L	99
49) Dibromochloromethane	8.81	129	55631	5.627	ug/L	99
50) 1,2-Dibromoethane	8.93	107	43242	5.445	ug/L #	94
51) Chlorobenzene	9.45	112	151715	5.682	ug/L	97
52) Ethylbenzene	9.57	91	257716	5.274	ug/L	99
53) m,p-Xylene	9.69	106	96400	5.541	ug/L	97
54) o-Xylene	10.10	106	92567	5.584	ug/L	98
55) Styrene	10.11	104	167931	5.825	ug/L	95
56) Isopropylbenzene	10.48	105	252058	5.575	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	59158	5.601	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	43950	5.246	ug/L	97
61) Bromoform	10.29	173	28498	5.174	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	117865	5.370	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	120517	5.426	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	111869	5.267	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10638	4.683	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	80228	5.198	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	63952	4.811	ug/L	98
69) Naphthalene	14.08	128	117727	4.248	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	60959	4.992	ug/L	95

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

