

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038962.D
 Acq On : 18 Jun 2020 11:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Jun 19 01:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 16:52:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	345636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	343085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	219635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96087	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	98525	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	211182	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.67	46	347259	45.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.44%
24) Chloroform-d	5.10	84	204551	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.74	65	119420	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.76	84	388607	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	121102	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.92	98	350524	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	55313	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.66	63	308604	46.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114881	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	166661	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	158582	4.863 ug/L	100
3) Chloromethane	1.54	50	139582	4.306 ug/L	99
5) Vinyl chloride	1.62	62	154860	4.771 ug/L	99
6) Bromomethane	1.88	94	67673	3.669 ug/L	97
8) Chloroethane	1.95	64	115116	5.586 ug/L	99
9) Trichlorofluoromethane	2.16	101	254310	5.156 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	124547	4.910 ug/L	98
12) 1,1-Dichloroethene	2.61	96	115296	4.744 ug/L	97
13) Acetone	2.67	43	256535	49.020 ug/L	99
14) Carbon disulfide	2.82	76	399595	4.872 ug/L	99
15) Methyl Acetate	2.98	43	86604	6.767 ug/L #	88
16) Methylene chloride	3.08	84	135865	4.860 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	302863	4.740 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	120875	4.739 ug/L	99
19) 1,1-Dichloroethane	3.91	63	226593	4.893 ug/L	98
21) 2-Butanone	4.75	43	398988	48.195 ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	128210	4.894 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	59300	4.779	ug/L	96
25) Chloroform	5.13	83	226353	4.799	ug/L	98
27) 1,2-Dichloroethane	5.83	62	164345	4.787	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	201576	4.736	ug/L	98
30) Cyclohexane	5.43	56	196952	4.877	ug/L	99
31) Carbon tetrachloride	5.56	117	175350	4.674	ug/L	99
33) Benzene	5.81	78	493502	4.815	ug/L	100
34) Trichloroethene	6.57	95	127744	4.913	ug/L	96
35) Methylcyclohexane	6.79	83	206246	5.003	ug/L	99
37) 1,2-Dichloropropane	6.82	63	129726	4.847	ug/L	99
38) Bromodichloromethane	7.13	83	164647	4.731	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	189186	4.811	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	917795	49.767	ug/L	99
42) Toluene	8.00	91	525160	4.948	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	176496	4.882	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	97353	4.900	ug/L	99
47) Tetrachloroethene	8.58	164	99120	4.920	ug/L	98
48) 2-Hexanone	8.71	43	724728	51.874	ug/L	99
49) Dibromochloromethane	8.83	129	114303	4.803	ug/L	98
50) 1,2-Dibromoethane	8.95	107	97016	4.884	ug/L	99
51) Chlorobenzene	9.47	112	328117	4.755	ug/L	99
52) Ethylbenzene	9.59	91	570788	4.971	ug/L	99
53) m,p-Xylene	9.71	106	221530	5.000	ug/L	99
54) o-Xylene	10.12	106	212797	5.013	ug/L	98
55) Styrene	10.13	104	375633	5.135	ug/L	99
56) Isopropylbenzene	10.50	105	571075	5.055	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	128712	4.693	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	96068	4.654	ug/L	96
61) Bromoform	10.31	173	67257	3.784	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	323563	4.737	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	340156	4.839	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	340045	5.044	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	23852	3.509	ug/L	98
67) 1,3,5-Trichlorobenzene	13.25	180	209876	3.774	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	182717	3.639	ug/L	97
69) Naphthalene	14.12	128	346432	3.569	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	175587	3.774	ug/L	99

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

