

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038941.D
 Acq On : 17 Jun 2020 13:19
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Jun 18 04:00:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 14:56:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295378	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103535	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	91532	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.59	63	199716	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.68	46	334424	50.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.92%
24) Chloroform-d	5.11	84	192707	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	113697	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	372757	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	115435	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.92	98	332265	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.20	79	53350	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.66	63	295611	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108846	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	133194	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	137370	4.930 ug/L	99
3) Chloromethane	1.53	50	142432	5.141 ug/L	100
5) Vinyl chloride	1.62	62	143608	5.177 ug/L	99
6) Bromomethane	1.88	94	85933	5.451 ug/L	94
8) Chloroethane	1.95	64	92282	5.240 ug/L	100
9) Trichlorofluoromethane	2.16	101	227449	5.396 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104590	4.825 ug/L	99
12) 1,1-Dichloroethene	2.61	96	102557	4.937 ug/L	99
13) Acetone	2.69	43	220193	49.234 ug/L	100
14) Carbon disulfide	2.82	76	349949	4.992 ug/L	100
15) Methyl Acetate	2.99	43	54508	4.983 ug/L	95
16) Methylene chloride	3.08	84	118318	4.952 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	284929	5.218 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	109447	5.021 ug/L	99
19) 1,1-Dichloroethane	3.91	63	199058	5.030 ug/L	100
21) 2-Butanone	4.76	43	360475	50.951 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	114604	5.119 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	54165	5.108	ug/L	96
25) Chloroform	5.13	83	201266	4.993	ug/L	98
27) 1,2-Dichloroethane	5.83	62	144349	4.920	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	177646	4.993	ug/L	99
30) Cyclohexane	5.43	56	169717	5.028	ug/L	99
31) Carbon tetrachloride	5.56	117	151415	4.828	ug/L	99
33) Benzene	5.81	78	440020	5.136	ug/L	100
34) Trichloroethene	6.57	95	112272	5.166	ug/L	98
35) Methylcyclohexane	6.79	83	173622	5.039	ug/L	99
37) 1,2-Dichloropropane	6.82	63	112614	5.034	ug/L	100
38) Bromodichloromethane	7.13	83	146175	5.025	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	171148	5.207	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	837455	54.328	ug/L	100
42) Toluene	8.00	91	459154	5.175	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	158904	5.259	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	86163	5.189	ug/L	97
47) Tetrachloroethene	8.58	164	83380	4.951	ug/L	98
48) 2-Hexanone	8.71	43	629914	53.942	ug/L	99
49) Dibromochloromethane	8.83	129	103393	5.198	ug/L	99
50) 1,2-Dibromoethane	8.95	107	86392	5.203	ug/L	99
51) Chlorobenzene	9.47	112	291512	5.054	ug/L	99
52) Ethylbenzene	9.59	91	494735	5.154	ug/L	100
53) m,p-Xylene	9.71	106	194644	5.256	ug/L	98
54) o-Xylene	10.12	106	183106	5.161	ug/L	100
55) Styrene	10.13	104	323643	5.293	ug/L	100
56) Isopropylbenzene	10.50	105	485652	5.143	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	114551	4.997	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	85921	4.980	ug/L	99
61) Bromoform	10.31	173	59453	4.927	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	240370	5.183	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	241523	5.060	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	230301	5.031	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	21418	4.641	ug/L	98
67) 1,3,5-Trichlorobenzene	13.25	180	186601	4.942	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	174014	5.104	ug/L	100
69) Naphthalene	14.12	128	351877	5.339	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	165919	5.252	ug/L	99

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

