

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041819\
 Data File : VU031270.D
 Acq On : 17 Apr 2019 20:39
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV07

Quant Time: Apr 18 08:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 18 08:39:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	294244	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	278008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	132328	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155337	6.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.00%
7) Chloroethane-d5	1.68	69	120025	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	2.27	63	288936	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.40%
20) 2-Butanone-d5	4.21	46	319703	56.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.80%
24) Chloroform-d	4.64	84	192106	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.31	65	98272	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.33	84	395200	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.33	67	123927	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.56	98	363505	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.85	79	51036	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.31	63	257755	54.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97407	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	134712	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	138646	5.676 ug/L	100
3) Chloromethane	1.32	50	184152	6.116 ug/L	98
5) Vinyl chloride	1.40	62	195863	6.493 ug/L	100
6) Bromomethane	1.63	94	110230	5.968 ug/L	99
8) Chloroethane	1.70	64	112458	5.932 ug/L	98
9) Trichlorofluoromethane	1.88	101	226040	5.677 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	132256	5.712 ug/L	99
12) 1,1-Dichloroethene	2.28	96	132047	5.811 ug/L	95
13) Acetone	2.36	43	263023	57.365 ug/L	99
14) Carbon disulfide	2.47	76	448507	5.742 ug/L	100
15) Methyl Acetate	2.63	43	71721	5.435 ug/L	98
16) Methylene chloride	2.70	84	143381	5.050 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	363136	5.815 ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	139324	5.648 ug/L	98
19) 1,1-Dichloroethane	3.44	63	198622	5.367 ug/L	98
21) 2-Butanone	4.30	43	326673	54.538 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	120205	5.621 ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	52177	5.444	ug/L	86
25) Chloroform	4.67	83	191662	5.373	ug/L	98
27) 1,2-Dichloroethane	5.40	62	118474	5.190	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	164155	5.358	ug/L	96
30) Cyclohexane	4.99	56	194449	5.329	ug/L	98
31) Carbon tetrachloride	5.13	117	143485	5.331	ug/L	99
33) Benzene	5.38	78	444318	5.368	ug/L	100
34) Trichloroethene	6.18	95	116447	5.107	ug/L	95
35) Methylcyclohexane	6.41	83	172700	5.126	ug/L	99
37) 1,2-Dichloropropane	6.43	63	112567	5.183	ug/L	98
38) Bromodichloromethane	6.76	83	134475	5.203	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	160401	5.234	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	771515	53.747	ug/L	100
42) Toluene	7.63	91	463060	5.190	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	127069	5.297	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	82616	5.460	ug/L	94
47) Tetrachloroethene	8.22	164	89910	5.221	ug/L	97
48) 2-Hexanone	8.36	43	544261	54.660	ug/L	98
49) Dibromochloromethane	8.47	129	92734	5.205	ug/L	96
50) 1,2-Dibromoethane	8.59	107	78075	5.375	ug/L	96
51) Chlorobenzene	9.12	112	284718	5.207	ug/L	99
52) Ethylbenzene	9.25	91	494891	5.258	ug/L	98
53) m,p-Xylene	9.37	106	182728	5.156	ug/L	97
54) o-Xylene	9.77	106	181016	5.231	ug/L	96
55) Styrene	9.79	104	307218	5.315	ug/L	98
56) Isopropylbenzene	10.16	105	486841	5.375	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	102008	5.373	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	70890	5.312	ug/L	100
61) Bromoform	9.95	173	55435	5.306	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	214420	5.305	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	215843	5.287	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	207209	5.267	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	15572	5.324	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	170776	5.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	145154	5.410	ug/L	97
69) Naphthalene	13.74	128	307594	3.774	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	146534	5.612	ug/L	98

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

