

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033132.D
 Acq On : 02 Jul 2019 10:54
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Jul 03 01:55:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:53:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97281	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	99342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27416	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	24101	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	65289	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.19	46	100970	49.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.64	84	64347	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	36440	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.33	84	117721	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.32	67	37981	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	113203	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	16133	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.31	63	71054	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	33372	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	49280	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	50664	5.083	ug/L 98
3) Chloromethane	1.33	50	48452	5.045	ug/L 100
5) Vinyl chloride	1.40	62	47192	4.999	ug/L 99
6) Bromomethane	1.62	94	27307	5.046	ug/L 96
8) Chloroethane	1.69	64	27130	4.731	ug/L 97
9) Trichlorofluoromethane	1.88	101	68172	5.055	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	35572	5.074	ug/L 99
12) 1,1-Dichloroethene	2.28	96	31448	4.954	ug/L 96
13) Acetone	2.32	43	80682	48.956	ug/L 97
14) Carbon disulfide	2.47	76	103924	4.965	ug/L 99
15) Methyl Acetate	2.61	43	19061	4.878	ug/L 96
16) Methylene chloride	2.69	84	35709	4.785	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	90105	4.898	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	34486	4.924	ug/L 99
19) 1,1-Dichloroethane	3.43	63	69689	4.956	ug/L 98
21) 2-Butanone	4.27	43	116629	48.925	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	38503	4.972	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	18205	5.049	ug/L	97
25) Chloroform	4.67	83	72692	4.675	ug/L	98
27) 1,2-Dichloroethane	5.40	62	48493	4.816	ug/L	96
29) 1,1,1-Trichloroethane	4.90	97	63004	4.924	ug/L	99
30) Cyclohexane	4.98	56	57809	4.948	ug/L	99
31) Carbon tetrachloride	5.12	117	55714	4.864	ug/L	99
33) Benzene	5.38	78	145619	4.975	ug/L	100
34) Trichloroethene	6.18	95	40133	5.025	ug/L	96
35) Methylcyclohexane	6.41	83	60790	5.117	ug/L	97
37) 1,2-Dichloropropane	6.43	63	39989	4.965	ug/L	98
38) Bromodichloromethane	6.75	83	51468	4.897	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	58197	5.123	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	283583	50.720	ug/L	100
42) Toluene	7.63	91	159150	5.049	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	47072	4.975	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	27450	4.861	ug/L	97
47) Tetrachloroethene	8.22	164	33080	4.986	ug/L	97
48) 2-Hexanone	8.36	43	213861	52.729	ug/L	99
49) Dibromochloromethane	8.47	129	35179	4.980	ug/L	97
50) 1,2-Dibromoethane	8.58	107	26993	4.996	ug/L #	99
51) Chlorobenzene	9.11	112	102792	4.948	ug/L	99
52) Ethylbenzene	9.24	91	173508	5.025	ug/L	100
53) m,p-Xylene	9.37	106	64392	5.107	ug/L	100
54) o-Xylene	9.77	106	63145	5.133	ug/L	95
55) Styrene	9.79	104	108335	5.219	ug/L	96
56) Isopropylbenzene	10.16	105	170331	5.146	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	35809	4.995	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	26197	4.781	ug/L	97
61) Bromoform	9.95	173	19970	5.103	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	85400	5.254	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	88087	5.218	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	84278	5.299	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5819	5.327	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	69377	5.455	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	51353	5.674	ug/L	95
69) Naphthalene	13.74	128	95825	7.227	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	50704	5.893	ug/L	97

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

