

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U110419\
 Data File : VU035605.D
 Acq On : 04 Nov 2019 13:42
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Nov 05 02:38:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 02:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	248024	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	161631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123315	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.93	69	104755	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.59	63	210111	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.71	46	280628	49.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.58%
24) Chloroform-d	5.11	84	210857	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.75	65	101576	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.77	84	420227	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	133827	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.93	98	411679	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.21	79	53937	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.68	63	227097	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112170	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	156966	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	141324	5.296 ug/L	98
3) Chloromethane	1.53	50	162273	5.272 ug/L	100
5) Vinyl chloride	1.62	62	165885	5.260 ug/L	98
6) Bromomethane	1.87	94	89075	4.955 ug/L	100
8) Chloroethane	1.95	64	97081	5.366 ug/L	100
9) Trichlorofluoromethane	2.16	101	202136	5.254 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	118244	5.203 ug/L	99
12) 1,1-Dichloroethene	2.61	96	112398	5.154 ug/L	90
13) Acetone	2.69	43	191639	47.157 ug/L	99
14) Carbon disulfide	2.82	76	362473	5.125 ug/L	100
15) Methyl Acetate	3.00	43	45272	4.796 ug/L	100
16) Methylene chloride	3.08	84	126208	4.881 ug/L	99
17) Methyl tert-butyl Ether	3.42	73	262119	5.128 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	117800	5.245 ug/L	95
19) 1,1-Dichloroethane	3.92	63	219807	5.271 ug/L	100
21) 2-Butanone	4.79	43	301868	50.025 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	126986	5.120 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	58980	5.021	ug/L	98
25) Chloroform	5.14	83	220357	4.859	ug/L	100
27) 1,2-Dichloroethane	5.84	62	128879	5.107	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	185503	5.082	ug/L	100
30) Cyclohexane	5.43	56	184568	5.057	ug/L	99
31) Carbon tetrachloride	5.56	117	165950	5.044	ug/L	97
33) Benzene	5.82	78	491857	5.040	ug/L	100
34) Trichloroethene	6.58	95	127193	5.093	ug/L	98
35) Methylcyclohexane	6.80	83	192717	5.065	ug/L	100
37) 1,2-Dichloropropane	6.83	63	126292	4.911	ug/L	100
38) Bromodichloromethane	7.14	83	155835	5.009	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	185121	5.044	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	722374	48.855	ug/L	99
42) Toluene	8.00	91	539139	5.251	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	150213	5.119	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	91004	4.942	ug/L	99
47) Tetrachloroethene	8.58	164	111087	5.104	ug/L	97
48) 2-Hexanone	8.73	43	531892	50.616	ug/L	96
49) Dibromochloromethane	8.84	129	113768	5.008	ug/L	100
50) 1,2-Dibromoethane	8.96	107	86770	4.966	ug/L	99
51) Chlorobenzene	9.48	112	339551	5.036	ug/L	99
52) Ethylbenzene	9.60	91	550578	5.095	ug/L	99
53) m,p-Xylene	9.72	106	218417	5.338	ug/L	98
54) o-Xylene	10.13	106	213645	5.403	ug/L	98
55) Styrene	10.14	104	349188	5.341	ug/L	100
56) Isopropylbenzene	10.51	105	548627	5.257	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	115166	4.787	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	82404	4.845	ug/L	96
61) Bromoform	10.32	173	67586	4.601	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	266692	4.907	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	262944	5.025	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	253466	4.970	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	14685	4.525	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	184073	5.255	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	103693	4.913	ug/L	99
69) Naphthalene	14.11	128	115163	4.431	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	99146	4.858	ug/L	96

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

