

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028115.D
 Acq On : 14 Nov 2018 12:09
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV49

Quant Time: Nov 15 04:23:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	177587	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	167342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72485	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	57273	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.28	63	132029	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.22	46	219433	51.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.68%
24) Chloroform-d	4.65	84	117979	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.31	65	62913	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.34	84	236936	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.33	67	84512	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.57	98	214280	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	31139	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.32	63	177142	50.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60591	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	72627	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	77080	4.921 ug/L	100
3) Chloromethane	1.33	50	100701	5.030 ug/L	97
5) Vinyl chloride	1.40	62	96746	5.086 ug/L	96
6) Bromomethane	1.63	94	47302	5.192 ug/L	98
8) Chloroethane	1.70	64	54324	4.744 ug/L	95
9) Trichlorofluoromethane	1.89	101	105118	5.066 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58731	5.042 ug/L	97
12) 1,1-Dichloroethene	2.29	96	56426	4.779 ug/L	93
13) Acetone	2.36	43	149329	51.876 ug/L	99
14) Carbon disulfide	2.48	76	194972	4.924 ug/L	99
15) Methyl Acetate	2.63	43	38475	4.998 ug/L	99
16) Methylene chloride	2.70	84	66799	4.788 ug/L	94
17) Methyl tert-butyl Ether	3.01	73	160943	4.875 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	60619	4.829 ug/L	99
19) 1,1-Dichloroethane	3.45	63	129852	4.918 ug/L	99
21) 2-Butanone	4.30	43	237092	52.190 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	70992	5.129 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	27519	5.031	ug/L	98
25) Chloroform	4.68	83	119279	5.037	ug/L	100
27) 1,2-Dichloroethane	5.41	62	77373	4.971	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	94234	4.975	ug/L	98
30) Cyclohexane	4.99	56	130925	4.930	ug/L	98
31) Carbon tetrachloride	5.13	117	77502	4.931	ug/L	99
33) Benzene	5.39	78	278687	4.943	ug/L	100
34) Trichloroethene	6.19	95	68449	4.913	ug/L	98
35) Methylcyclohexane	6.41	83	118138	4.932	ug/L	98
37) 1,2-Dichloropropane	6.43	63	78299	5.022	ug/L	99
38) Bromodichloromethane	6.76	83	81660	4.923	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	105472	5.004	ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	549302	51.165	ug/L	100
42) Toluene	7.64	91	287601	4.948	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	82181	4.976	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	47162	5.011	ug/L	98
47) Tetrachloroethene	8.23	164	49912	4.406	ug/L	96
48) 2-Hexanone	8.37	43	404923	53.007	ug/L	100
49) Dibromochloromethane	8.48	129	49810	4.971	ug/L	99
50) 1,2-Dibromoethane	8.59	107	45206	5.101	ug/L	97
51) Chlorobenzene	9.12	112	165361	4.865	ug/L	98
52) Ethylbenzene	9.25	91	315578	4.974	ug/L	99
53) m,p-xylene	9.38	106	114130	4.937	ug/L	97
54) o-xylene	9.78	106	112051	5.035	ug/L	100
55) Styrene	9.79	104	184251	4.896	ug/L	97
56) Isopropylbenzene	10.17	105	292161	4.854	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	62118	5.120	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	42638	4.869	ug/L	96
61) Bromoform	9.96	173	26849	5.181	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	124404	5.134	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	125918	5.133	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	118694	5.122	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	9225	5.486	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	95720	5.149	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	83414	5.148	ug/L	99
69) Naphthalene	13.74	128	160848	5.327	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	78845	5.282	ug/L	98

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

