

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036196.D
 Acq On : 13 Dec 2019 14:35
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Dec 14 01:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:03:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	295299	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	309105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128440	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.93	69	112565	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.59	63	182084	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.70	46	251250	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	5.11	84	198809	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	102085	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.77	84	383284	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.73	67	119929	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	374100	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.21	79	53584	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.67	63	213200	55.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	151649	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	157192	4.769	ug/L 99
3) Chloromethane	1.54	50	183413	4.435	ug/L 99
5) Vinyl chloride	1.62	62	193043	4.920	ug/L 97
6) Bromomethane	1.87	94	99171	5.058	ug/L 96
8) Chloroethane	1.95	64	112966	4.821	ug/L 98
9) Trichlorofluoromethane	2.16	101	233542	4.723	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	111250	4.696	ug/L 100
12) 1,1-Dichloroethene	2.61	96	108877	4.970	ug/L 96
13) Acetone	2.68	43	181283	42.697	ug/L 98
14) Carbon disulfide	2.82	76	344125	4.682	ug/L 99
15) Methyl Acetate	3.00	43	43063	5.020	ug/L 98
16) Methylene chloride	3.08	84	130212	4.043	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	237938	5.068	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	113657	4.954	ug/L 97
19) 1,1-Dichloroethane	3.92	63	202651	4.784	ug/L 100
21) 2-Butanone	4.77	43	285101	50.251	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	119560	4.858	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56057	4.707	ug/L	96
25) Chloroform	5.13	83	212543	4.639	ug/L	99
27) 1,2-Dichloroethane	5.84	62	130802	4.813	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	183629	4.826	ug/L	100
30) Cyclohexane	5.43	56	166577	5.145	ug/L	98
31) Carbon tetrachloride	5.57	117	164608	4.744	ug/L	99
33) Benzene	5.82	78	472410	4.973	ug/L	100
34) Trichloroethene	6.58	95	122835	5.015	ug/L	97
35) Methylcyclohexane	6.80	83	178279	5.120	ug/L	99
37) 1,2-Dichloropropane	6.83	63	117947	4.867	ug/L	99
38) Bromodichloromethane	7.14	83	150984	4.787	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	168763	5.111	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	671398	52.962	ug/L	98
42) Toluene	8.00	91	517499	5.082	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	144244	5.200	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	89953	4.953	ug/L	93
47) Tetrachloroethene	8.58	164	108381	4.900	ug/L	95
48) 2-Hexanone	8.73	43	519511	54.913	ug/L	99
49) Dibromochloromethane	8.84	129	108998	4.856	ug/L	100
50) 1,2-Dibromoethane	8.96	107	86331	4.984	ug/L	94
51) Chlorobenzene	9.47	112	327198	4.866	ug/L	98
52) Ethylbenzene	9.60	91	523238	5.116	ug/L	99
53) m,p-Xylene	9.72	106	207323	5.261	ug/L	97
54) o-Xylene	10.13	106	198457	5.222	ug/L	95
55) Styrene	10.14	104	345436	5.136	ug/L	99
56) Isopropylbenzene	10.51	105	510930	5.235	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	114562	4.955	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	80584	5.003	ug/L	95
61) Bromoform	10.32	173	67390	4.846	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	275211	5.092	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	278088	5.188	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	256083	4.973	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	17389	5.084	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	202429	4.999	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	144539	5.433	ug/L	96
69) Naphthalene	14.11	128	200947	5.937	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	145702	5.663	ug/L	100

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

