

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034881.D
 Acq On : 30 Sep 2019 15:04
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Sep 30 17:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 17:11:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	165954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	79646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60532	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.67	69	47665	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.26	63	101404	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.16	46	188826	56.45	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.62	84	105695	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.29	65	62968	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.31	84	200567	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.31	67	66085	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.54	98	192728	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.83	79	26301	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.29	63	136351	55.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	56739	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	67939	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	48465	4.994 ug/L	96
3) Chloromethane	1.32	50	41474	5.175 ug/L	99
5) Vinyl chloride	1.40	62	43754	5.045 ug/L	100
6) Bromomethane	1.62	94	21284	5.033 ug/L	96
8) Chloroethane	1.69	64	24655	4.991 ug/L	93
9) Trichlorofluoromethane	1.88	101	61879	5.221 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	35880	4.872 ug/L	95
12) 1,1-Dichloroethene	2.27	96	27839	4.997 ug/L	95
13) Acetone	2.31	43	132651	54.185 ug/L	98
14) Carbon disulfide	2.46	76	45701	4.933 ug/L	99
15) Methyl Acetate	2.60	43	28329	5.513 ug/L	98
16) Methylene chloride	2.68	84	40018	4.553 ug/L	95
17) Methyl tert-butyl Ether	2.98	73	128987	5.245 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	28883	5.045 ug/L	96
19) 1,1-Dichloroethane	3.42	63	87433	4.935 ug/L	98
21) 2-Butanone	4.25	43	206861	56.118 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	46053	5.249 ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	18838	5.262	ug/L	96
25) Chloroform	4.65	83	97226	4.560	ug/L	99
27) 1,2-Dichloroethane	5.38	62	64373	5.126	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	73249	4.816	ug/L	98
30) Cyclohexane	4.96	56	55188	4.873	ug/L	99
31) Carbon tetrachloride	5.11	117	57032	4.837	ug/L	98
33) Benzene	5.36	78	165424	4.978	ug/L	100
34) Trichloroethene	6.16	95	42929	4.882	ug/L	97
35) Methylcyclohexane	6.39	83	54057	4.924	ug/L	99
37) 1,2-Dichloropropane	6.41	63	55239	4.866	ug/L	100
38) Bromodichloromethane	6.74	83	69581	4.909	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	73528	5.029	ug/L	97
40) 4-Methyl-2-pentanone	7.44	43	539098	54.793	ug/L	100
42) Toluene	7.61	91	181209	4.990	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	63493	5.172	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	40321	5.043	ug/L	96
47) Tetrachloroethene	8.21	164	28612	4.914	ug/L	98
48) 2-Hexanone	8.34	43	385756	59.087	ug/L	100
49) Dibromochloromethane	8.46	129	45770	5.052	ug/L	100
50) 1,2-Dibromoethane	8.57	107	32654	5.063	ug/L	94
51) Chlorobenzene	9.10	112	120759	4.911	ug/L	98
52) Ethylbenzene	9.23	91	214644	4.968	ug/L	98
53) m,p-Xylene	9.35	106	74243	4.929	ug/L	97
54) o-Xylene	9.76	106	78627	4.931	ug/L	98
55) Styrene	9.77	104	136372	5.031	ug/L	96
56) Isopropylbenzene	10.14	105	226377	4.954	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	62197	5.301	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	42434	5.227	ug/L	100
61) Bromoform	9.94	173	24458	4.946	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	105587	5.136	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	104391	4.942	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	107569	5.101	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	9353	5.901	ug/L	95
67) 1,3,5-Trichlorobenzene	12.86	180	82516	5.471	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	66223	6.148	ug/L	99
69) Naphthalene	13.72	128	124604	6.890	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	67174	6.212	ug/L	98

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

