

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U123019\
 Data File : VU036370.D
 Acq On : 30 Dec 2019 14:26
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Dec 31 07:29:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 06:07:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	343503	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	319993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153657	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105461	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.93	69	93780	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	201097	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.68	46	288619	45.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.68%
24) Chloroform-d	5.11	84	225177	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	118199	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.77	84	423532	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.73	67	136373	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	392515	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.21	79	60594	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.67	63	269692	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117785	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	137598	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	125719	4.582 ug/L	99
3) Chloromethane	1.54	50	121406	4.577 ug/L	99
5) Vinyl chloride	1.62	62	130265	4.532 ug/L	100
6) Bromomethane	1.87	94	71823	4.336 ug/L	98
8) Chloroethane	1.95	64	77003	4.528 ug/L	98
9) Trichlorofluoromethane	2.16	101	188905	4.633 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	98678	4.654 ug/L	97
12) 1,1-Dichloroethene	2.61	96	94840	4.536 ug/L	96
13) Acetone	2.67	43	169797	41.404 ug/L	93
14) Carbon disulfide	2.82	76	311760	4.546 ug/L	99
15) Methyl Acetate	2.99	43	40057	4.426 ug/L	98
16) Methylene chloride	3.08	84	110400	4.159 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	272208	4.500 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	105384	4.502 ug/L	94
19) 1,1-Dichloroethane	3.92	63	199660	4.710 ug/L	98
21) 2-Butanone	4.76	43	301958	45.504 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	119814	4.560 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	49193	4.494	ug/L	93
25) Chloroform	5.13	83	203691	4.526	ug/L	95
27) 1,2-Dichloroethane	5.84	62	135507	4.572	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	187257	4.704	ug/L	99
30) Cyclohexane	5.43	56	189787	4.793	ug/L	94
31) Carbon tetrachloride	5.56	117	162839	4.811	ug/L	98
33) Benzene	5.81	78	452302	4.770	ug/L	100
34) Trichloroethene	6.58	95	121150	4.744	ug/L	99
35) Methylcyclohexane	6.80	83	200418	4.952	ug/L	99
37) 1,2-Dichloropropane	6.83	63	116707	4.772	ug/L	100
38) Bromodichloromethane	7.14	83	154737	4.584	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	190104	4.741	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	789718	45.836	ug/L	99
42) Toluene	8.00	91	488034	4.652	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	155783	4.729	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	82346	4.629	ug/L	99
47) Tetrachloroethene	8.58	164	83205	4.629	ug/L	97
48) 2-Hexanone	8.72	43	565833	46.399	ug/L	99
49) Dibromochloromethane	8.84	129	107529	4.568	ug/L	97
50) 1,2-Dibromoethane	8.95	107	84700	4.697	ug/L	100
51) Chlorobenzene	9.47	112	302996	4.632	ug/L	97
52) Ethylbenzene	9.60	91	557453	4.794	ug/L	99
53) m,p-Xylene	9.72	106	210522	4.712	ug/L	98
54) o-Xylene	10.12	106	203924	4.699	ug/L	95
55) Styrene	10.14	104	343243	4.654	ug/L	98
56) Isopropylbenzene	10.51	105	551514	4.787	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	110250	4.597	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	79227	4.695	ug/L	97
61) Bromoform	10.32	173	59983	4.377	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	239780	4.668	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	233008	4.587	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	225206	4.655	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19305	4.341	ug/L	91
67) 1,3,5-Trichlorobenzene	13.24	180	169443	4.642	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	125514	4.683	ug/L	99
69) Naphthalene	14.10	128	200143	4.288	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	113877	4.407	ug/L	98

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

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