

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036304.D
 Acq On : 20 Dec 2019 00:06
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Dec 20 05:38:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 05:33:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	244648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	267697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147074	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108146	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	98966	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.60	63	158418	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.68	46	172224	42.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.34%
24) Chloroform-d	5.11	84	173048	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.75	65	85833	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.77	84	315794	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	95336	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.93	98	306660	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.21	79	41122	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.67	63	159801	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	90614	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	115509	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	139905	5.124	ug/L 98
3) Chloromethane	1.54	50	136967	3.998	ug/L 99
5) Vinyl chloride	1.62	62	151870	4.672	ug/L 99
6) Bromomethane	1.87	94	87596	5.393	ug/L 95
8) Chloroethane	1.95	64	94890	4.888	ug/L 99
9) Trichlorofluoromethane	2.16	101	216745	5.291	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	101775	5.185	ug/L 99
12) 1,1-Dichloroethene	2.61	96	90884	5.008	ug/L 87
13) Acetone	2.66	43	157341	44.731	ug/L 94
14) Carbon disulfide	2.83	76	291366	4.785	ug/L 98
15) Methyl Acetate	2.99	43	39529	5.562	ug/L 100
16) Methylene chloride	3.08	84	115457	4.327	ug/L 97
17) Methyl tert-butyl Ether	3.41	73	193260	4.969	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	92530	4.868	ug/L 92
19) 1,1-Dichloroethane	3.92	63	183297	5.223	ug/L 100
21) 2-Butanone	4.76	43	235440	50.090	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	103090	5.056	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52790	5.351	ug/L	98
25) Chloroform	5.13	83	201547	5.309	ug/L	98
27) 1,2-Dichloroethane	5.84	62	121383	5.391	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	167429	5.080	ug/L	98
30) Cyclohexane	5.43	56	127144	4.535	ug/L	98
31) Carbon tetrachloride	5.57	117	152763	5.084	ug/L	97
33) Benzene	5.82	78	420693	5.113	ug/L	100
34) Trichloroethene	6.58	95	104473	4.926	ug/L	96
35) Methylcyclohexane	6.80	83	133703	4.434	ug/L	95
37) 1,2-Dichloropropane	6.83	63	104543	4.981	ug/L	98
38) Bromodichloromethane	7.14	83	140505	5.143	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	135235	4.729	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	575018	52.376	ug/L	99
42) Toluene	8.00	91	463891	5.261	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	120822	5.030	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	82971	5.276	ug/L	92
47) Tetrachloroethene	8.58	164	93344	4.873	ug/L	95
48) 2-Hexanone	8.72	43	443825	54.169	ug/L	98
49) Dibromochloromethane	8.84	129	103633	5.331	ug/L	99
50) 1,2-Dibromoethane	8.95	107	77460	5.164	ug/L	96
51) Chlorobenzene	9.47	112	290309	4.985	ug/L	98
52) Ethylbenzene	9.60	91	432531	4.883	ug/L	100
53) m,p-Xylene	9.72	106	173819	5.093	ug/L	98
54) o-Xylene	10.13	106	160202	4.867	ug/L	99
55) Styrene	10.14	104	293505	5.039	ug/L	98
56) Isopropylbenzene	10.51	105	425760	5.037	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	105885	5.288	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	74851	5.366	ug/L	98
61) Bromoform	10.32	173	63386	4.965	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	243638	4.910	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	238354	4.843	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	226140	4.784	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	16148	5.143	ug/L	87
67) 1,3,5-Trichlorobenzene	13.24	180	170790	4.593	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	117318	4.803	ug/L	99
69) Naphthalene	14.10	128	156460	5.035	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	116705	4.940	ug/L	99

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

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