Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU123019\
Data File : VU036380.D
Acq On : 30 Dec 2019 20:07
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Dec 31 07:37:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	270985	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	120672	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91771	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.93	69	83039	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.59	63	171610	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.20%			
20) 2-Butanone-d5	4.69	46	287195	57.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.38%			
24) Chloroform-d	5.11	84	198184	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.75	65	107240	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.77	84	370920	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
36) 1,2-Dichloropropane-d6	6.73	67	120760	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.93	98	344326	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
43) trans-1,3-Dichloropropene-	8.21	79	52003	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.67	63	263303	56.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.64%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107887	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	125332	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	93539	4.321	ug/L	100
3) Chloromethane	1.54	50	99603	4.759	ug/L	97
5) Vinyl chloride	1.62	62	108882	4.802	ug/L	97
6) Bromomethane	1.87	94	61796	4.729	ug/L	99
8) Chloroethane	1.95	64	64894	4.837	ug/L	100
9) Trichlorofluoromethane	2.16	101	142989	4.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	75520	4.515	ug/L	99
12) 1,1-Dichloroethene	2.61	96	78879	4.782	ug/L	96
13) Acetone	2.68	43	159477	49.295	ug/L	90
14) Carbon disulfide	2.82	76	251429	4.648	ug/L	99
15) Methyl Acetate	2.99	43	38564	5.401	ug/L	95
16) Methylene chloride	3.08	84	95245	4.549	ug/L	96
17) Methyl tert-butyl Ether	3.41	73	240423	5.038	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	86434	4.680	ug/L	97
19) 1,1-Dichloroethane	3.92	63	169851	5.079	ug/L	98
21) 2-Butanone	4.77	43	270643	51.699	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	98895	4.771	ug/L	98

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Dec 31 07:37:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	43666	5.057	ug/L	94
25) Chloroform	5.13	83	174197	4.906	ug/L	94
27) 1,2-Dichloroethane	5.84	62	119454	5.109	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	152771	4.867	ug/L	98
30) Cyclohexane	5.43	56	146042	4.677	ug/L	96
31) Carbon tetrachloride	5.57	117	129091	4.837	ug/L	100
33) Benzene	5.82	78	370149	4.950	ug/L	100
34) Trichloroethene	6.58	95	99249	4.928	ug/L	97
35) Methylcyclohexane	6.80	83	152812	4.788	ug/L	98
37) 1,2-Dichloropropane	6.83	63	101665	5.271	ug/L	99
38) Bromodichloromethane	7.14	83	133246	5.006	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	157692	4.987	ug/L	96
40) 4-Methyl-2-pentanone	7.83	43	689178	50.726	ug/L	100
42) Toluene	8.00	91	394547	4.769	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	127239	4.898	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	71118	5.070	ug/L	96
47) Tetrachloroethene	8.58	164	66647	4.702	ug/L	94
48) 2-Hexanone	8.72	43	492488	51.212	ug/L	99
49) Dibromochloromethane	8.84	129	88833	4.786	ug/L	96
50) 1,2-Dibromoethane	8.95	107	70613	4.966	ug/L	91
51) Chlorobenzene	9.47	112	247234	4.793	ug/L	96
52) Ethylbenzene	9.60	91	440083	4.800	ug/L	99
53) m,p-Xylene	9.72	106	165324	4.692	ug/L	99
54) o-Xylene	10.13	106	168090	4.912	ug/L	98
55) Styrene	10.14	104	280714	4.826	ug/L	100
56) Isopropylbenzene	10.51	105	425740	4.686	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	94230	4.983	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	66385	4.989	ug/L	99
61) Bromoform	10.32	173	50520	4.694	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	188898	4.682	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	185270	4.644	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	182667	4.808	ug/L	93
66) 1,2-Dibromo-3-chloropropan	13.02	75	17158	4.913	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	131115	4.574	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	97457	4.630	ug/L	100
69) Naphthalene	14.10	128	159347	4.347	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	91120	4.490	ug/L	96

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

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