Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112719\
Data File : VU035883.D
Acq On : 27 Nov 2019 09:10
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Nov 28 04:55:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 18:31:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	224084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	256092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137132	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	143844	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.93	69	129894	5.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.60%			
11) 1,1-Dichloroethene-d2	2.59	63	236029	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.69	46	335051	49.46	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.92%			
24) Chloroform-d	5.11	84	247531	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.75	65	132704	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.77	84	468161	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.73	67	155495	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.40%			
41) Toluene-d8	7.93	98	424115	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
43) trans-1,3-Dichloropropene-	8.21	79	56423	4.40	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.00%			
46) 2-Hexanone-d5	8.67	63	280018	54.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.76%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	132928	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	138797	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	143398	4.723	ug/L	100
3) Chloromethane	1.54	50	178124	4.765	ug/L	99
5) Vinyl chloride	1.62	62	183156	4.895	ug/L	100
6) Bromomethane	1.87	94	101992	5.303	ug/L	97
8) Chloroethane	1.95	64	113506	5.243	ug/L	99
9) Trichlorofluoromethane	2.16	101	220121	5.066	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	123547	5.006	ug/L	94
12) 1,1-Dichloroethene	2.61	96	110197	4.726	ug/L	90
13) Acetone	2.67	43	241561	40.600	ug/L	96
14) Carbon disulfide	2.82	76	340250	4.394	ug/L	100
15) Methyl Acetate	2.99	43	57671	4.835	ug/L	100
16) Methylene chloride	3.08	84	136399	4.842	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	266594	4.726	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	112695	4.909	ug/L	97
19) 1,1-Dichloroethane	3.92	63	256837	4.979	ug/L	99
21) 2-Butanone	4.77	43	378954	50.334	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	127863	4.998	ug/L	94

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Nov 28 04:55:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 18:31:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	58851	5.280	ug/L	98
25) Chloroform	5.13	83	271044	5.400	ug/L	98
27) 1,2-Dichloroethane	5.84	62	167870	5.085	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	207270	5.012	ug/L	97
30) Cyclohexane	5.43	56	179203	4.434	ug/L	98
31) Carbon tetrachloride	5.57	117	175454	4.899	ug/L	97
33) Benzene	5.82	78	538740	5.040	ug/L	100
34) Trichloroethene	6.58	95	126017	4.808	ug/L	96
35) Methylcyclohexane	6.80	83	171512	4.459	ug/L	98
37) 1,2-Dichloropropane	6.83	63	149544	4.932	ug/L	99
38) Bromodichloromethane	7.14	83	180112	4.956	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	185607	4.729	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	905314	48.637	ug/L	100
42) Toluene	8.00	91	556855	5.007	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	161395	4.959	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	101805	5.153	ug/L	98
47) Tetrachloroethene	8.58	164	97105	4.869	ug/L	99
48) 2-Hexanone	8.73	43	693221	50.586	ug/L	98
49) Dibromochloromethane	8.84	129	118371	5.079	ug/L	100
50) 1,2-Dibromoethane	8.96	107	93113	5.151	ug/L	98
51) Chlorobenzene	9.48	112	326549	4.741	ug/L	98
52) Ethylbenzene	9.60	91	526412	4.578	ug/L	99
53) m,p-Xylene	9.72	106	197170	4.864	ug/L	99
54) o-Xylene	10.13	106	187190	4.755	ug/L	97
55) Styrene	10.14	104	331772	5.081	ug/L	98
56) Isopropylbenzene	10.51	105	498348	4.792	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	136415	4.990	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	97183	4.930	ug/L	99
61) Bromoform	10.32	173	65658	4.765	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	241900	4.915	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	240530	4.964	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	235071	5.006	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18339	4.720	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	159481	5.392	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	78270	4.605	ug/L	100
69) Naphthalene	14.11	128	70259	2.935	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	77524	4.690	ug/L	99

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

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