Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\
Data File : VU035485.D
Acq On : 25 Oct 2019 13:47
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00555

Quant Time: Oct 26 00:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 23:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	228105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	248022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	127468	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	145082	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.93	69	117579	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.60	63	233586	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.00%			
20) 2-Butanone-d5	4.70	46	292766	48.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.52%			
24) Chloroform-d	5.11	84	216070	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.75	65	110563	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
32) Benzene-d6	5.77	84	433792	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.74	67	139710	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.93	98	396986	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
43) trans-1,3-Dichloropropene-	8.21	79	55798	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.68	63	219483	51.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.64%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	112621	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	128299	4.98	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	141425	4.589	ug/L	99
3) Chloromethane	1.54	50	170620	4.738	ug/L	99
5) Vinyl chloride	1.62	62	167418	4.694	ug/L	95
6) Bromomethane	1.87	94	88539	4.771	ug/L	99
8) Chloroethane	1.95	64	97673	4.644	ug/L	100
9) Trichlorofluoromethane	2.16	101	190438	4.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	107553	4.621	ug/L	100
12) 1,1-Dichloroethene	2.61	96	102048	4.702	ug/L	97
13) Acetone	2.67	43	202128	44.322	ug/L	98
14) Carbon disulfide	2.82	76	358122	4.663	ug/L	100
15) Methyl Acetate	3.00	43	49741	4.758	ug/L	98
16) Methylene chloride	3.08	84	123122	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.43	73	250213	4.767	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	111203	4.709	ug/L	98
19) 1,1-Dichloroethane	3.92	63	218486	4.689	ug/L	99
21) 2-Butanone	4.78	43	316003	47.758	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	120393	4.779	ug/L	97

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Acq On : 25 Oct 2019 13:47
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00555

Quant Time: Oct 26 00:00:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 23:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	52565	4.512 ug/L	95
25) Chloroform	5.14	83	218165	4.415 ug/L	100
27) 1,2-Dichloroethane	5.84	62	135118	4.633 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	177436	4.761 ug/L	99
30) Cyclohexane	5.43	56	189182	4.969 ug/L	98
31) Carbon tetrachloride	5.57	117	157024	4.722 ug/L	100
33) Benzene	5.82	78	476704	4.826 ug/L	100
34) Trichloroethene	6.58	95	114450	4.716 ug/L	98
35) Methylcyclohexane	6.80	83	183760	4.893 ug/L	98
37) 1,2-Dichloropropane	6.84	63	122561	4.696 ug/L	99
38) Bromodichloromethane	7.15	83	150146	4.637 ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	172989	4.762 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	765133	49.513 ug/L	100
42) Toluene	8.01	91	494174	4.901 ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	140527	4.890 ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	84749	4.676 ug/L	99
47) Tetrachloroethene	8.58	164	94356	4.735 ug/L	98
48) 2-Hexanone	8.73	43	562492	54.125 ug/L	98
49) Dibromochloromethane	8.84	129	101241	4.774 ug/L	99
50) 1,2-Dibromoethane	8.96	107	80797	4.796 ug/L	99
51) Chlorobenzene	9.48	112	307539	4.841 ug/L	99
52) Ethylbenzene	9.60	91	514556	4.885 ug/L	99
53) m,p-Xylene	9.72	106	191032	4.967 ug/L	100
54) o-Xylene	10.13	106	188406	5.028 ug/L	100
55) Styrene	10.14	104	314874	5.145 ug/L	99
56) Isopropylbenzene	10.51	105	489871	5.006 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	112006	4.725 ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	80532	4.815 ug/L	95
61) Bromoform	10.32	173	59089	4.772 ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	217883	5.005 ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	213133	4.921 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	204620	4.893 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	13786	4.911 ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	129084	4.801 ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	74290	4.969 ug/L	97
69) Naphthalene	14.11	128	101356	4.965 ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	77618	5.210 ug/L	98

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

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