Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111618\
Data File : VU028204.D
Acq On : 16 Nov 2018 23:20
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Nov 16 23:47:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	152166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72567	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	61898	4.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.00%			
7) Chloroethane-d5	1.68	69	49179	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.28	63	116775	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.20	46	197110	53.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.64%			
24) Chloroform-d	4.65	84	104399	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
26) 1,2-Dichloroethane-d4	5.31	65	61284	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
32) Benzene-d6	5.34	84	210975	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.33	67	76224	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.57	98	190899	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
43) trans-1,3-Dichloropropene-	7.85	79	24277	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.31	63	150649	49.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53644	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65248	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	65570	4.885	ug/L	98
3) Chloromethane	1.33	50	78255	4.561	ug/L	100
5) Vinyl chloride	1.41	62	76371	4.686	ug/L	97
6) Bromomethane	1.63	94	36614	4.690	ug/L	99
8) Chloroethane	1.70	64	48398	4.932	ug/L	93
9) Trichlorofluoromethane	1.89	101	90149	5.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	48616	4.871	ug/L	98
12) 1,1-Dichloroethene	2.29	96	47769	4.721	ug/L	95
13) Acetone	2.33	43	126574	51.317	ug/L	97
14) Carbon disulfide	2.48	76	147543	4.349	ug/L	100
15) Methyl Acetate	2.62	43	31888	4.834	ug/L	98
16) Methylene chloride	2.70	84	69376	5.804	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	137734	4.869	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	49644	4.615	ug/L	98
19) 1,1-Dichloroethane	3.45	63	114723	5.071	ug/L	98
21) 2-Butanone	4.28	43	211698	54.385	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	56830	4.792	ug/L	88

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Nov 16 23:47:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 16 00:43:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	23085	4.926	ug/L	92
25) Chloroform	4.68	83	106648	5.256	ug/L	100
27) 1,2-Dichloroethane	5.41	62	71307	5.346	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	82168	5.003	ug/L	98
30) Cyclohexane	5.00	56	103238	4.483	ug/L	98
31) Carbon tetrachloride	5.13	117	68047	4.992	ug/L	100
33) Benzene	5.39	78	237729	4.863	ug/L	100
34) Trichloroethene	6.19	95	58561	4.847	ug/L	96
35) Methylcyclohexane	6.41	83	93752	4.513	ug/L	98
37) 1,2-Dichloropropane	6.43	63	69444	5.137	ug/L	100
38) Bromodichloromethane	6.76	83	72449	5.036	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	82787	4.529	ug/L	95
40) 4-Methyl-2-pentanone	7.47	43	499717	53.675	ug/L	97
42) Toluene	7.64	91	248071	4.921	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	62640	4.373	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	41451	5.079	ug/L	98
47) Tetrachloroethene	8.23	164	41103	4.184	ug/L	93
48) 2-Hexanone	8.37	43	356795	53.860	ug/L	98
49) Dibromochloromethane	8.48	129	42331	4.872	ug/L	99
50) 1,2-Dibromoethane	8.59	107	37683	4.904	ug/L	98
51) Chlorobenzene	9.12	112	141117	4.788	ug/L	95
52) Ethylbenzene	9.25	91	268343	4.877	ug/L	96
53) m,p-xylene	9.38	106	94273	4.703	ug/L	99
54) o-xylene	9.78	106	91370	4.734	ug/L	99
55) Styrene	9.79	104	157521	4.827	ug/L	97
56) Isopropylbenzene	10.17	105	246441	4.721	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	53083	5.046	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	38938	5.128	ug/L	100
61) Bromoform	9.96	173	21861	4.455	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	107022	4.664	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	106601	4.590	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	102957	4.692	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	8008	5.030	ug/L	87
67) 1,3,5-Trichlorobenzene	12.89	180	82015	4.659	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	69518	4.531	ug/L	99
69) Naphthalene	13.74	128	128072	4.479	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	69436	4.913	ug/L	96

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

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