Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Data File : VU028242.D
Acq On : 19 Nov 2018 09:59
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Nov 20 07:08:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 19 02:51:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	43601	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.68	69	38009	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.28	63	87112	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.20	46	131170	43.02	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.04%			
24) Chloroform-d	4.65	84	80854	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.31	65	42436	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.34	84	153437	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
36) 1,2-Dichloropropane-d6	6.33	67	56636	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.57	98	144473	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%			
43) trans-1,3-Dichloropropene-	7.85	79	16013	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.31	63	93395	40.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.08%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41066	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	48075	4.74	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	43606	4.289	ug/L	98
3) Chloromethane	1.33	50	66139	5.111	ug/L	99
5) Vinyl chloride	1.40	62	59328	4.828	ug/L #	57
6) Bromomethane	1.63	94	24531	4.423	ug/L	96
8) Chloroethane	1.70	64	37823	5.208	ug/L	91
9) Trichlorofluoromethane	1.89	101	66350	4.637	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	35782	4.543	ug/L	98
12) 1,1-Dichloroethene	2.29	96	36022	4.833	ug/L	92
13) Acetone	2.33	43	82871	39.523	ug/L	98
14) Carbon disulfide	2.48	76	124322	5.312	ug/L	97
15) Methyl Acetate	2.62	43	21433	3.857	ug/L	97
16) Methylene chloride	2.71	84	46021	4.901	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	97055	4.335	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	39805	5.013	ug/L	98
19) 1,1-Dichloroethane	3.45	63	89247	4.848	ug/L	99
21) 2-Butanone	4.28	43	137357	41.138	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	44585	4.751	ug/L	86

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.56	128	17227	4.691 ug/L	91
25) Chloroform	4.68	83	83848	4.209 ug/L	95
27) 1,2-Dichloroethane	5.41	62	51074	4.485 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	61077	4.651 ug/L	100
30) Cyclohexane	5.00	56	75184	4.375 ug/L	97
31) Carbon tetrachloride	5.13	117	51682	4.797 ug/L	98
33) Benzene	5.39	78	178658	4.649 ug/L	100
34) Trichloroethene	6.19	95	46229	4.913 ug/L	96
35) Methylcyclohexane	6.42	83	63868	4.308 ug/L	97
37) 1,2-Dichloropropane	6.44	63	50976	4.648 ug/L	98
38) Bromodichloromethane	6.76	83	59371	4.965 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	58375	4.200 ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	328107	41.849 ug/L	98
42) Toluene	7.64	91	186483	4.787 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	42564	4.071 ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	30281	4.570 ug/L	96
47) Tetrachloroethene	8.23	164	30915	4.733 ug/L	97
48) 2-Hexanone	8.37	43	230543	41.242 ug/L	99
49) Dibromochloromethane	8.48	129	35064	5.228 ug/L	97
50) 1,2-Dibromoethane	8.59	107	27913	4.661 ug/L	98
51) Chlorobenzene	9.12	112	110175	4.911 ug/L	98
52) Ethylbenzene	9.25	91	199589	4.761 ug/L	97
53) m,p-xylene	9.38	106	71101	4.888 ug/L	98
54) o-xylene	9.78	106	68132	4.690 ug/L	97
55) Styrene	9.79	104	121455	4.980 ug/L	98
56) Isopropylbenzene	10.17	105	183419	4.714 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	39792	4.672 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	28596	4.513 ug/L	100
61) Bromoform	9.96	173	18806	5.435 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	81136	4.885 ug/L	93
63) 1,4-Dichlorobenzene	11.51	146	77825	4.593 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	76324	4.687 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	5874	4.630 ug/L #	83
67) 1,3,5-Trichlorobenzene	12.89	180	61573	4.847 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	52700	4.965 ug/L	99
69) Naphthalene	13.74	128	88335	4.682 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	49787	4.952 ug/L	98

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

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