Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112118\
Data File : VU028304.D
Acq On : 21 Nov 2018 08:56
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Nov 21 22:31:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	168968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	160623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76118	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	71702	5.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.80%			
7) Chloroethane-d5	1.68	69	55958	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.28	63	132661	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.80%			
20) 2-Butanone-d5	4.20	46	205785	48.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.72%			
24) Chloroform-d	4.65	84	120772	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.31	65	68267	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.34	84	245275	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.33	67	86203	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.56	98	217703	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	7.85	79	33159	6.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 123.60%			
46) 2-Hexanone-d5	8.31	63	149419	46.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61616	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	70327	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	64277	4.530	ug/L	100
3) Chloromethane	1.33	50	108474	6.007	ug/L	97
5) Vinyl chloride	1.40	62	79306	4.624	ug/L	94
6) Bromomethane	1.63	94	43660	5.641	ug/L	98
8) Chloroethane	1.70	64	47406	4.677	ug/L	95
9) Trichlorofluoromethane	1.89	101	91826	4.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	52795	4.803	ug/L	99
12) 1,1-Dichloroethene	2.29	96	49857	4.793	ug/L	89
13) Acetone	2.33	43	144250	49.294	ug/L	100
14) Carbon disulfide	2.48	76	161097	4.932	ug/L	100
15) Methyl Acetate	2.62	43	35910	4.630	ug/L	98
16) Methylene chloride	2.70	84	59603	4.548	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	154342	4.939	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	53600	4.837	ug/L	99
19) 1,1-Dichloroethane	3.44	63	123862	4.821	ug/L	97
21) 2-Butanone	4.28	43	234293	50.279	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	63967	4.884	ug/L	96

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ALS Vial : 2 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	24897	4.857	ug/L		99
25) Chloroform	4.67	83	120777	4.344	ug/L		96
27) 1,2-Dichloroethane	5.40	62	78496	4.939	ug/L		98
29) 1,1,1-Trichloroethane	4.91	97	92117	5.087	ug/L		98
30) Cyclohexane	4.99	56	113560	4.792	ug/L		98
31) Carbon tetrachloride	5.13	117	73875	4.973	ug/L		99
33) Benzene	5.39	78	258877	4.885	ug/L		100
34) Trichloroethene	6.18	95	63453	4.891	ug/L		98
35) Methylcyclohexane	6.41	83	100857	4.934	ug/L		98
37) 1,2-Dichloropropane	6.43	63	78096	5.164	ug/L	#	98
38) Bromodichloromethane	6.76	83	86075	5.220	ug/L		100
39) cis-1,3-Dichloropropene	7.27	75	102180	5.331	ug/L		98
40) 4-Methyl-2-pentanone	7.46	43	544929	50.404	ug/L		99
42) Toluene	7.64	91	264373	4.922	ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	80470	5.581	ug/L		100
45) 1,1,2-Trichloroethane	8.07	97	44101	4.826	ug/L		98
47) Tetrachloroethene	8.22	164	43569	4.837	ug/L		98
48) 2-Hexanone	8.36	43	401921	52.141	ug/L		98
49) Dibromochloromethane	8.48	129	48025	5.193	ug/L		99
50) 1,2-Dibromoethane	8.58	107	41163	4.984	ug/L		94
51) Chlorobenzene	9.12	112	150677	4.871	ug/L		99
52) Ethylbenzene	9.25	91	289656	5.011	ug/L		98
53) m,p-xylene	9.37	106	100470	5.009	ug/L		98
54) o-xylene	9.78	106	99658	4.975	ug/L		98
55) Styrene	9.79	104	174620	5.192	ug/L		93
56) Isopropylbenzene	10.16	105	271459	5.059	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	61286	5.218	ug/L		97
59) 1,2,3-Trichloropropane	10.49	75	44117	5.049	ug/L		100
61) Bromoform	9.96	173	26825	5.559	ug/L		97
62) 1,3-Dichlorobenzene	11.41	146	115388	4.981	ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	115896	4.904	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	110485	4.864	ug/L		100
66) 1,2-Dibromo-3-chloropropan	12.66	75	9936	5.615	ug/L		94
67) 1,3,5-Trichlorobenzene	12.89	180	89118	5.030	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	80629	5.446	ug/L		98
69) Naphthalene	13.74	128	150277	5.712	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	73425	5.236	ug/L		99

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

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