Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB101016\
Data File : BB058595.D
Acq On : 10 Oct 2016 16:13
Operator : UM/SJ
Sample : SSTD00576
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD00576

Quant Time: Oct 11 11:22:31 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 10 17:07:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	588805	20.00	ng/ul	0.08
18) Naphthalene-d8	11.70	136	2181304	20.00	ng/ul	0.08
35) Acenaphthene-d10	15.63	164	1258966	20.00	ng/ul	0.06
61) Phenanthrene-d10	18.44	188	1868988	20.00	ng/ul	0.02
75) Chrysene-d12	22.81	240	1964892	20.00	ng/ul	0.02
83) Perylene-d12	25.89	264	1583375	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.71	96	26534	1.77	ng/uL	0.06
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	8.27	132	210670	4.89	ng/ul	0.10
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.97	128	114614	5.15	ng/ul	0.08
22) 2-Nitrophenol-d4	10.74	143	111432	4.47	ng/ul	0.08
26) 2,4-Dichlorophenol-d3	11.31	165	157361	4.62	ng/ul	0.08
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.99	166	405512	4.86	ng/ul	0.04
46) Acenaphthylene-d8	15.30	160	483816	4.74	ng/ul	0.06
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	16.63	176	310051	4.64	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	18.55	188	405893	4.77	ng/ul	0.04
76) Pyrene-d10	20.86	212	421327	4.65	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.66	264	327527	4.63	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.75	88	26972	1.79	ng/uL#	81
10) 2-Chlorophenol	8.31	128	200454	4.93	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.62	70	154109	5.10	ng/ul#	58
17) Hexachloroethane	9.93	117	96892	5.11	ng/ul#	74
20) Nitrobenzene	10.01	77	219173	5.35	ng/ul#	97
21) Isophorone	10.56	82	424543	5.21	ng/ul	97
23) 2-Nitrophenol	10.78	139	116733	4.79	ng/ul	89
24) 2,4-Dimethylphenol	10.85	107	204154	5.14	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.06	93	201975	4.69	ng/ul#	96
27) 2,4-Dichlorophenol	11.33	162	154010	4.76	ng/ul	98
28) Naphthalene	11.76	128	542676	5.32	ng/ul	99
31) Hexachlorobutadiene	12.10	225	109095	6.34	ng/ul	93
33) 4-Chloro-3-methylphenol	13.01	107	161570	4.76	ng/ul	96
34) 2-Methylnaphthalene	13.39	142	356659	5.08	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	13.78	216	176560	5.88	ng/ul#	95
38) 2,4,6-Trichlorophenol	14.01	196	102830	4.61	ng/ul	96
39) 2,4,5-Trichlorophenol	14.09	196	110374	4.84	ng/ul	96
40) 1,1'-Biphenyl	14.41	154	416457	5.08	ng/ul	99
41) 2-Chloronaphthalene	14.45	162	310257	4.80	ng/ul	93
42) 2-Nitroaniline	14.65	65	120461	4.78	ng/ul#	89
44) Dimethylphthalate	15.05	163	406830	5.05	ng/ul#	96
45) 2,6-Dinitrotoluene	15.15	165	92233	4.33	ng/ul#	76
47) Acenaphthylene	15.32	152	475557	4.80	ng/ul	99

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49) Acenaphthene	15.69	153	316222	4.85	ng/ul	92
53) Dibenzofuran	16.03	168	440644	4.76	ng/ul	94
54) 2,4-Dinitrotoluene	15.97	165	122202	4.23	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	16.26	232	87490	4.90	ng/ul#	67
56) Diethylphthalate	16.46	149	433964	4.95	ng/ul	96
58) Fluorene	16.69	166	338299	4.60	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.69	204	183122	5.31	ng/ul	96
64) N-Nitrosodiphenylamine	16.90	169	308942	4.90	ng/ul	95
65) 4-Bromophenyl-phenylether	17.61	248	112983	5.60	ng/ul	90
66) Hexachlorobenzene	17.76	284	112938	4.98	ng/ul#	91
69) Phenanthrene	18.50	178	483153	4.94	ng/ul	99
71) Anthracene	18.57	178	479133	4.81	ng/ul	100
73) Di-n-butylphthalate	19.42	149	699253	4.97	ng/ul#	98
77) Pyrene	20.90	202	553823	4.96	ng/ul	96
78) Butylbenzylphthalate	21.81	149	351365	4.35	ng/ul#	88
80) Benzo(a)anthracene	22.77	228	504488	4.90	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	481365	4.64	ng/ul#	99
82) Chrysene	22.85	228	477428	5.16	ng/ul	99
85) Benzo(b)fluoranthene	24.93	252	445910	4.40	ng/ul#	98
86) Benzo(k)fluoranthene	24.98	252	406144	5.69	ng/ul#	98
88) Benzo(a)pyrene	25.74	252	400944	4.83	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.16	276	345498	4.14	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.20	278	274373	3.98	ng/ul#	92
91) Benzo(g,h,i)perylene	30.16	276	287834	4.29	ng/ul#	89

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

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