Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058611.D
Acq On : 11 Oct 2016 18:43
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTD02083

Manual Integrations APPROVED
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10/12/2016 4:07:11 PM

Quant Time: Oct 11 19:21:34 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 16:28:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	494159	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1857129	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1127625	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	1789342	20.00	ng/ul	-0.02
75) Chrysene-d12	22.81	240	2034288	20.00	ng/ul	0.00
83) Perylene-d12	25.91	264	1641809	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	81735	7.49	ng/uL	0.00
5) Phenol-d5	7.79	99	684980	19.08	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	459375	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	769017	20.65	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	578562	19.47	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	401379	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	449434	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	634242	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	761709	21.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	1599969	21.34	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	1960899	22.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	329278	19.12	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1398029	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	360053	18.95	ng/ul	-0.02
70) Anthracene-d10	18.53	188	1840549m	23.00	ng/ul	0.00
76) Pyrene-d10	20.86	212	1913331	21.41	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.70	264	1546626	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	80785	7.47	ng/uL#	81
4) Benzaldehyde	7.73	77	487153	21.07	ng/ul	96
6) Phenol	7.83	94	678197	19.07	ng/ul#	75
8) Bis(2-Chloroethyl)ether	8.04	93	574598	19.58	ng/ul	90
10) 2-Chlorophenol	8.22	128	722483	20.38	ng/ul	94
11) 2-Methylphenol	9.16	108	563020	19.68	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.24	45	963612	18.67	ng/ul#	87
14) Acetophenone	9.52	105	856165	19.69	ng/ul#	58
15) N-Nitroso-di-n-propylamine	9.54	70	470407	18.29	ng/ul#	51
16) 4-Methylphenol	9.51	108	595484	19.29	ng/ul	96
17) Hexachloroethane	9.83	117	343825	20.03	ng/ul	85
20) Nitrobenzene	9.93	77	706211	19.58	ng/ul#	85
21) Isophorone	10.49	82	1332797	19.16	ng/ul	96
23) 2-Nitrophenol	10.68	139	459059	21.31	ng/ul	97
24) 2,4-Dimethylphenol	10.78	107	724411	20.52	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.99	93	664886	19.82	ng/ul#	94
27) 2,4-Dichlorophenol	11.26	162	633704	21.61	ng/ul	97
28) Naphthalene	11.68	128	1903048	21.52	ng/ul	100
30) 4-Chloroaniline	11.78	127	727976	21.78	ng/ul	95
31) Hexachlorobutadiene	12.03	225	444356	22.18	ng/ul	96
32) Caprolactam	12.57	113	232817m	21.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.95	107	598409	20.47	ng/ul	97
34) 2-Methylnaphthalene	13.34	142	1343466	22.02	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	751222	21.69	ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	387760	17.75	ng/ul	98
38) 2,4,6-Trichlorophenol	13.97	196	470353	22.36	ng/ul	96
39) 2,4,5-Trichlorophenol	14.05	196	486780	21.80	ng/ul	97
40) 1,1'-Biphenyl	14.38	154	1642490	21.72	ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	1292379	21.45	ng/ul	98
42) 2-Nitroaniline	14.61	65	451762	19.52	ng/ul#	80
44) Dimethylphthalate	15.01	163	1670364	22.28	ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	402647	21.25	ng/ul#	79
47) Acenaphthylene	15.28	152	1880916	21.93	ng/ul	100
48) 3-Nitroaniline	14.61	138	512100	20.66	ng/ul#	37
49) Acenaphthene	15.65	153	1258962	21.39	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	241366	17.87	ng/ul#	66
52) 4-Nitrophenol	15.80	109	279644	19.97	ng/ul#	86
53) Dibenzofuran	15.99	168	1892465	22.56	ng/ul	98
54) 2,4-Dinitrotoluene	15.94	165	569740	21.56	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	16.24	232	428145	21.92	ng/ul#	88
56) Diethylphthalate	16.42	149	1681658	21.61	ng/ul	97
58) Fluorene	16.67	166	1525016	22.34	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	787431	21.47	ng/ul	95
60) 4-Nitroaniline	16.67	138	386972	19.78	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.74	198	385068	20.30	ng/ul#	88
64) N-Nitrosodiphenylamine	16.86	169	1225646	21.22	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	474766	20.72	ng/ul#	87
66) Hexachlorobenzene	17.75	284	524580	22.84	ng/ul#	86
67) Atrazine	17.86	200	500077	22.74	ng/ul#	88
68) Pentachlorophenol	18.07	266	313968	19.30	ng/ul	98
69) Phenanthrene	18.48	178	2097285	23.54	ng/ul	100
71) Anthracene	18.57	178	2134439	23.46	ng/ul	100
72) Carbazole	18.82	167	1753127	23.08	ng/ul#	96
73) Di-n-butylphthalate	19.42	149	2925943	23.57	ng/ul	99
74) Fluoranthene	20.54	202	2292165	25.26	ng/ul#	90
77) Pyrene	20.90	202	2422747	22.79	ng/ul	95
78) Butylbenzylphthalate	21.81	149	1459665	21.19	ng/ul#	84
79) 3,3'-Dichlorobenzidine	22.69	252	767748	21.36	ng/ul	98
80) Benzo(a)anthracene	22.79	228	2333912	22.53	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	1915236	20.91	ng/ul#	93
82) Chrysene	22.85	228	1972509	20.31	ng/ul	99
84) Di-n-octyl phthalate	22.69	149	1915236	22.41	ng/ul#	54
85) Benzo(b)fluoranthene	24.95	252	2150092m	19.83	ng/ul	
86) Benzo(k)fluoranthene	25.02	252	1830815	21.78	ng/ul	99
88) Benzo(a)pyrene	25.77	252	1877308	20.57	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.26	276	1600319	20.07	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.30	278	1311328	19.83	ng/ul#	95
91) Benzo(g,h,i)perylene	30.28	276	1255888	19.96	ng/ul#	93

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

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