Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011374.D
Acq On : 31 Aug 2017 16:29
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM083117

Quant Time: Aug 31 17:01:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 16:32:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	559623	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2524022	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1448705	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	3207663	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3457528	20.00	ng		0.00
86) Perylene-d12	23.91	264	3121188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2667592	80.24	ng		0.00
7) Phenol-d6	7.15	99	3741861	81.17	ng		0.00
23) Nitrobenzene-d5	9.16	82	3300144	86.16	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	1423022	84.90	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	8108555	80.68	ng		0.00
78) Terphenyl-d14	19.97	244	11232498	80.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	545018	39.333	ng	#	100
3) Pyridine	3.84	79	1730971	40.792	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	860507	39.715	ng	#	73
6) Aniline	7.32	93	2516943	40.200	ng		96
8) 2-Chlorophenol	7.56	128	1581026	40.338	ng		92
9) Benzaldehyde	7.13	77	1014986	37.877	ng		99
10) Phenol	7.17	94	2049908	40.448	ng	#	75
11) bis(2-Chloroethyl)ether	7.41	93	1619301	39.977	ng		85
12) 1,3-Dichlorobenzene	7.89	146	1785562	40.007	ng		98
13) 1,4-Dichlorobenzene	8.03	146	1803064	39.725	ng		97
14) 1,2-Dichlorobenzene	8.35	146	1737942	39.561	ng		98
15) Benzyl Alcohol	8.23	79	1357491	40.728	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	2673483	39.469	ng		92
17) 2-Methylphenol	8.43	107	1298236	40.006	ng		97
18) Hexachloroethane	9.08	117	628508	40.450	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	1354504	40.016	ng	#	87
20) 3+4-Methylphenols	8.76	107	1807329	40.141	ng		98
22) Acetophenone	8.82	105	2483279	39.594	ng	#	93
24) Nitrobenzene	9.20	77	1780644	42.191	ng		93
25) Isophorone	9.73	82	3406566	39.694	ng		94
26) 2-Nitrophenol	9.92	139	734323	41.058	ng	#	86
27) 2,4-Dimethylphenol	9.96	122	1577585	39.423	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	2314975	39.529	ng		100
29) 2,4-Dichlorophenol	10.45	162	1537370	41.063	ng		99
30) 1,2,4-Trichlorobenzene	10.66	180	1646757	39.734	ng		98
31) Naphthalene	10.86	128	5406869	39.676	ng		99
32) Benzoic acid	10.10	122	1108045	41.777	ng		98
33) 4-Chloroaniline	10.96	127	2378548	39.898	ng	#	91
34) Hexachlorobutadiene	11.14	225	929084	39.343	ng		98
35) Caprolactam	11.75	113	539641	40.023	ng	#	70
36) 4-Chloro-3-methylphenol	12.07	107	1771415	40.284	ng		92
37) 2-Methylnaphthalene	12.46	142	3746321	39.497	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1750108	40.144	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	806782	40.368	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1199664	41.570	ng		98
43) 2,4,5-Trichlorophenol	13.13	196	1221531	41.678	ng	#	90
45) 1,1'-Biphenyl	13.46	154	5125375	39.851	ng		98
46) 2-Chloronaphthalene	13.51	162	3809782	39.876	ng		95
47) 2-Nitroaniline	13.70	65	1210931	40.859	ng		85
48) Acenaphthylene	14.35	152	5989480	40.235	ng		100
49) Dimethylphthalate	14.08	163	4575584	39.748	ng		99
50) 2,6-Dinitrotoluene	14.20	165	935211	42.907	ng		95
51) Acenaphthene	14.69	154	3889161	40.233	ng		100
52) 3-Nitroaniline	14.53	138	1188579	41.983	ng	#	84
53) 2,4-Dinitrophenol	14.73	184	308320	42.718	ng		87
54) Dibenzofuran	15.02	168	5279403	39.608	ng		95
55) 4-Nitrophenol	14.82	139	937127	42.533	ng	#	46
56) 2,4-Dinitrotoluene	14.98	165	1231498	40.859	ng	#	80
57) Fluorene	15.67	166	4619214	39.750	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.24	232	994042	41.914	ng	#	100
59) Diethylphthalate	15.44	149	4717999	39.779	ng		98
60) 4-Chlorophenyl-phenylether	15.66	204	2140093	39.483	ng		94
61) 4-Nitroaniline	15.69	138	1240418	42.147	ng		84
62) Azobenzene	15.96	77	4227615	39.551	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	505235	42.336	ng		91
65) n-Nitrosodiphenylamine	15.87	169	4059964	40.168	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	1357690	40.239	ng	#	89
67) Hexachlorobenzene	16.67	284	1586957	40.079	ng	#	89
68) Atrazine	16.82	200	1187234	40.078	ng		97
69) Pentachlorophenol	17.01	266	953539	43.867	ng		99
70) Phenanthrene	17.41	178	7166901	40.120	ng		98
71) Anthracene	17.50	178	7274243	40.496	ng		98
72) Carbazole	17.76	167	6913379	39.937	ng		100
73) Di-n-butylphthalate	18.32	149	8442140	41.977	ng		100
74) Fluoranthene	19.42	202	8281282	40.628	ng		95
76) Benzidine	19.59	184	2421493	35.485	ng		99
77) Pyrene	19.77	202	8684442	40.989	ng		98
79) Butylbenzylphthalate	20.66	149	3937204	42.065	ng		94
80) Benzo(a)anthracene	21.52	228	7770980	40.185	ng		99
81) 3,3'-Dichlorobenzidine	21.44	252	3037164	41.369	ng		100
82) Chrysene	21.57	228	7342952	40.287	ng		97
83) Bis(2-ethylhexyl)phthalate	21.43	149	5707714	41.595	ng		99
84) Di-n-octyl phthalate	22.36	149	10036731	43.389	ng	#	96
85) Indeno(1,2,3-cd)pyrene	26.37	276	6856330	40.326	ng	#	89
87) Benzo(b)fluoranthene	23.19	252	7643247	39.887	ng		99
88) Benzo(k)fluoranthene	23.24	252	7400254	40.279	ng		98
89) Benzo(a)pyrene	23.81	252	6946854	40.194	ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	5970292	40.363	ng		99
91) Benzo(g,h,i)perylene	27.13	276	5773527	40.389	ng		99

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

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