Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011371.D
Acq On : 31 Aug 2017 14:34
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Aug 31 15:05:34 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 14:38:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	590051	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2646263	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1515517	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	3373682	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3517879	20.00	ng		0.00
86) Perylene-d12	23.91	264	3080297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3537936	99.39	ng		0.00
7) Phenol-d6	7.15	99	4933667	78.30	ng		0.00
23) Nitrobenzene-d5	9.16	82	4349717	49.31	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	1858369	69.66	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	10559940	97.48	ng		0.00
78) Terphenyl-d14	19.97	244	13040791	101.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	725360	41.456	ng	#	100
3) Pyridine	3.84	79	2295330	34.691	ng	#	82
4) n-Nitrosodimethylamine	3.75	42	1145786	33.619	ng	#	72
6) Aniline	7.32	93	3361807	38.114	ng		97
8) 2-Chlorophenol	7.56	128	2078859	55.234	ng		92
9) Benzaldehyde	7.13	77	1234697	23.964	ng		97
10) Phenol	7.17	94	2719924	37.774	ng	#	75
11) bis(2-Chloroethyl)ether	7.42	93	2145880	40.737	ng		86
12) 1,3-Dichlorobenzene	7.88	146	2355105	53.157	ng		97
13) 1,4-Dichlorobenzene	8.03	146	2395686	52.675	ng		99
14) 1,2-Dichlorobenzene	8.35	146	2320838	51.733	ng		98
15) Benzyl Alcohol	8.23	79	1803708	23.783	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	3592091	61.711	ng		93
17) 2-Methylphenol	8.43	107	1739740	38.364	ng		97
18) Hexachloroethane	9.08	117	830850	39.581	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	1799035	24.061	ng	#	85
20) 3+4-Methylphenols	8.76	107	2437043	37.184	ng		97
22) Acetophenone	8.82	105	3307395	37.810	ng	#	92
24) Nitrobenzene	9.20	77	2354533	24.550	ng		92
25) Isophorone	9.73	82	4579097	28.895	ng		95
26) 2-Nitrophenol	9.92	139	970875	41.080	ng	#	87
27) 2,4-Dimethylphenol	9.96	122	2106585	50.815	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	3089407	40.153	ng		99
29) 2,4-Dichlorophenol	10.45	162	2046981	41.230	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	2203289	37.790	ng		99
31) Naphthalene	10.86	128	7145796	50.899	ng		100
32) Benzoic acid	10.12	122	1424609	33.558	ng		99
33) 4-Chloroaniline	10.96	127	3187784	52.886	ng	#	90
34) Hexachlorobutadiene	11.14	225	1255638	25.828	ng		97
35) Caprolactam	11.76	113	721766	36.130	ng	#	69
36) 4-Chloro-3-methylphenol	12.07	107	2388547	30.570	ng		92
37) 2-Methylnaphthalene	12.46	142	4980104	44.533	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	2332770	39.364	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1120800	47.867	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1588825	40.553	ng		98
43) 2,4,5-Trichlorophenol	13.13	196	1618048	39.192	ng	#	89
45) 1,1'-Biphenyl	13.46	154	6767560	57.806	ng		98
46) 2-Chloronaphthalene	13.51	162	5051234	54.130	ng		95
47) 2-Nitroaniline	13.71	65	1587906	29.802	ng		87
48) Acenaphthylene	14.35	152	7894129	55.115	ng		99
49) Dimethylphthalate	14.09	163	6072492	45.297	ng		99
50) 2,6-Dinitrotoluene	14.20	165	1222992	43.781	ng		93
51) Acenaphthene	14.69	154	5147401	56.529	ng		99
52) 3-Nitroaniline	14.53	138	1571002	59.974	ng	#	84
53) 2,4-Dinitrophenol	14.73	184	417390	17.717	ng		90
54) Dibenzofuran	15.03	168	6979975	46.533	ng		96
55) 4-Nitrophenol	14.82	139	1217494	61.816	ng	#	46
56) 2,4-Dinitrotoluene	14.98	165	1621058	37.747	ng	#	81
57) Fluorene	15.67	166	6051714	43.138	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	1311955	28.520	ng	#	100
59) Diethylphthalate	15.44	149	6215867	43.956	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	2835627	34.014	ng		93
61) 4-Nitroaniline	15.69	138	1628205	62.902	ng		83
62) Azobenzene	15.96	77	5649162	28.454	ng		92
64) 4,6-Dinitro-2-methylphenol	15.74	198	693663	27.436	ng		89
65) n-Nitrosodiphenylamine	15.87	169	5315806	60.586	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	1792576	45.800	ng	#	87
67) Hexachlorobenzene	16.67	284	2100354	47.565	ng	#	89
68) Atrazine	16.82	200	1552570	41.561	ng		96
69) Pentachlorophenol	17.01	266	1246498	36.335	ng		98
70) Phenanthrene	17.41	178	9301217	49.560	ng		97
71) Anthracene	17.50	178	9420782	51.281	ng		97
72) Carbazole	17.76	167	9051568	51.191	ng		99
73) Di-n-butylphthalate	18.32	149	10983281	57.567	ng		98
74) Fluoranthene	19.42	202	10616434	35.476	ng		94
76) Benzidine	19.59	184	3480862	94.516	ng		99
77) Pyrene	19.77	202	11094858	66.699	ng		96
79) Butylbenzylphthalate	20.66	149	5154817	87.860	ng		91
80) Benzo(a)anthracene	21.52	228	9905297	47.784	ng		97
81) 3,3'-Dichlorobenzidine	21.44	252	3894586	47.192	ng		99
82) Chrysene	21.57	228	9336350	46.822	ng		96
83) Bis(2-ethylhexyl)phthalate	21.44	149	7282466	79.748	ng		98
84) Di-n-octyl phthalate	22.36	149	12271752	73.834	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.37	276	8476633	27.860	ng	#	89
87) Benzo(b)fluoranthene	23.19	252	9541487	52.152	ng		99
88) Benzo(k)fluoranthene	23.24	252	9335138	55.089	ng		97
89) Benzo(a)pyrene	23.81	252	8707470	49.051	ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	7416064	39.778	ng		99
91) Benzo(g,h,i)perylene	27.13	276	7181731	37.380	ng		99

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

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