Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011370.D
Acq On : 31 Aug 2017 13:58
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Aug 31 14:41:37 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	559392	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2533004	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1451747	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	3225696	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3452043	20.00	ng		0.00
86) Perylene-d12	23.91	264	3102299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2655499	78.69	ng		0.00
7) Phenol-d6	7.14	99	3759144	62.93	ng		0.00
23) Nitrobenzene-d5	9.16	82	3191215	37.79	ng		0.00
41) 2,4,6-Tribromophenol	16.11	330	1378265	53.93	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	8191012	78.93	ng		0.00
78) Terphenyl-d14	19.97	244	11319785	89.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	550374	33.179	ng	#	100
3) Pyridine	3.84	79	1733800	27.640	ng	#	84
4) n-Nitrosodimethylamine	3.75	42	866882	26.830	ng	#	74
6) Aniline	7.32	93	2529413	30.249	ng		96
8) 2-Chlorophenol	7.56	128	1585337	44.430	ng		93
9) Benzaldehyde	7.13	77	1011262	20.703	ng		98
10) Phenol	7.17	94	2053681	30.084	ng	#	74
11) bis(2-Chloroethyl)ether	7.41	93	1632565	32.691	ng		85
12) 1,3-Dichlorobenzene	7.88	146	1781763	42.421	ng		97
13) 1,4-Dichlorobenzene	8.03	146	1813348	42.056	ng		98
14) 1,2-Dichlorobenzene	8.35	146	1750156	41.150	ng		99
15) Benzyl Alcohol	8.23	79	1364101	18.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	2726335	49.405	ng		93
17) 2-Methylphenol	8.43	107	1313783	30.559	ng		97
18) Hexachloroethane	9.08	117	625895	31.451	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	1371001	19.341	ng	#	86
20) 3+4-Methylphenols	8.76	107	1834850	29.530	ng		98
22) Acetophenone	8.82	105	2524366	30.149	ng	#	92
24) Nitrobenzene	9.20	77	1770539	19.286	ng		94
25) Isophorone	9.73	82	3479611	22.939	ng		94
26) 2-Nitrophenol	9.91	139	670697	29.648	ng	#	86
27) 2,4-Dimethylphenol	9.96	122	1601122	40.349	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	2343780	31.824	ng		99
29) 2,4-Dichlorophenol	10.45	162	1538098	32.366	ng		99
30) 1,2,4-Trichlorobenzene	10.66	180	1653652	29.631	ng		98
31) Naphthalene	10.86	128	5441704	40.494	ng		100
32) Benzoic acid	10.10	122	1000934	24.632	ng		97
33) 4-Chloroaniline	10.96	127	2411088	41.789	ng	#	90
34) Hexachlorobutadiene	11.14	225	942932	20.263	ng		96
35) Caprolactam	11.75	113	543380	28.417	ng	#	72
36) 4-Chloro-3-methylphenol	12.07	107	1785414	23.872	ng		91
37) 2-Methylnaphthalene	12.46	142	3797992	35.481	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1773551	31.242	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	809424	36.087	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	1186769	31.622	ng		99
43) 2,4,5-Trichlorophenol	13.13	196	1216502	30.760	ng	#	91
45) 1,1'-Biphenyl	13.46	154	5157622	45.990	ng		97
46) 2-Chloronaphthalene	13.51	162	3852156	43.094	ng		95
47) 2-Nitroaniline	13.70	65	1142862	22.392	ng		86
48) Acenaphthylene	14.35	152	6040584	44.027	ng		100
49) Dimethylphthalate	14.08	163	4622298	35.994	ng		99
50) 2,6-Dinitrotoluene	14.20	165	894642	33.434	ng		95
51) Acenaphthene	14.69	154	3872509	44.396	ng		99
52) 3-Nitroaniline	14.53	138	1155931	46.067	ng	#	86
53) 2,4-Dinitrophenol	14.73	184	271104	12.013	ng		86
54) Dibenzofuran	15.02	168	5333520	37.119	ng		95
55) 4-Nitrophenol	14.82	139	895532	47.466	ng	#	47
56) 2,4-Dinitrotoluene	14.98	165	1170518	28.453	ng	#	82
57) Fluorene	15.67	166	4653663	34.629	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.24	232	980545	22.252	ng	#	100
59) Diethylphthalate	15.44	149	4759162	35.134	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	2176828	27.259	ng		94
61) 4-Nitroaniline	15.69	138	1207992	48.718	ng		82
62) Azobenzene	15.96	77	4304776	22.635	ng		93
64) 4,6-Dinitro-2-methylphenol	15.74	198	455381	18.838	ng		91
65) n-Nitrosodiphenylamine	15.87	169	4069534	48.510	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	1364663	36.466	ng	#	88
67) Hexachlorobenzene	16.67	284	1595078	37.779	ng	#	88
68) Atrazine	16.82	200	1196036	33.486	ng		98
69) Pentachlorophenol	17.01	266	911294	27.783	ng		99
70) Phenanthrene	17.41	178	7229133	40.286	ng		98
71) Anthracene	17.50	178	7298273	41.550	ng		98
72) Carbazole	17.76	167	6995021	41.375	ng		100
73) Di-n-butylphthalate	18.32	149	8484600	46.510	ng		99
74) Fluoranthene	19.42	202	8335504	29.132	ng		94
76) Benzidine	19.59	184	2668693	73.845	ng		99
77) Pyrene	19.77	202	8710596	53.364	ng		98
79) Butylbenzylphthalate	20.66	149	3913363	67.972	ng		92
80) Benzo(a)anthracene	21.52	228	7790656	38.300	ng		98
81) 3,3'-Dichlorobenzidine	21.44	252	3081044	38.046	ng		99
82) Chrysene	21.57	228	7379947	37.717	ng		97
83) Bis(2-ethylhexyl)phthalate	21.44	149	5736841	64.020	ng		99
84) Di-n-octyl phthalate	22.36	149	10055630	61.654	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.37	276	6781664	22.714	ng	#	88
87) Benzo(b)fluoranthene	23.19	252	7666751	41.608	ng		98
88) Benzo(k)fluoranthene	23.24	252	7482887	43.845	ng		97
89) Benzo(a)pyrene	23.81	252	7008069	39.198	ng	#	97
90) Dibenzo(a,h)anthracene	26.39	278	5925512	31.558	ng		99
91) Benzo(g,h,i)perylene	27.13	276	5696050	29.437	ng		99

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

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