Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104002.D
Acq On : 28 Mar 2018 11:28
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
3/29/2018 5:35:56 PM

Quant Time: Mar 28 12:33:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 12:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	122966	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	504401	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	240085	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	445736	20.00	ng		0.00
75) Chrysene-d12	14.16	240	363528	20.00	ng		0.00
86) Perylene-d12	15.70	264	374743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	630051	77.93	ng		0.00
7) Phenol-d6	6.60	99	763202	77.16	ng		0.00
23) Nitrobenzene-d5	7.53	82	677109	93.61	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	218744	105.97	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1234610	82.03	ng		0.00
78) Terphenyl-d14	13.09	244	1226003	78.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	133170	33.453	ng	#	89
3) Pyridine	3.62	79	347159m	31.706	ng		
4) n-Nitrosodimethylamine	3.59	42	97975m	24.268	ng		
6) Aniline	6.64	93	481825	34.115	ng		92
8) 2-Chlorophenol	6.76	128	346174	40.875	ng		97
9) Benzaldehyde	6.53	77	199478	30.698	ng		94
10) Phenol	6.62	94	416155	39.595	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	365948	42.178	ng		91
12) 1,3-Dichlorobenzene	6.90	146	383837	39.793	ng		99
13) 1,4-Dichlorobenzene	6.99	146	407616	42.054	ng		98
14) 1,2-Dichlorobenzene	7.13	146	367290	40.836	ng		99
15) Benzyl Alcohol	7.11	79	258694	33.756	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	397468	32.208	ng		63
17) 2-Methylphenol	7.22	107	283065	37.533	ng	#	92
18) Hexachloroethane	7.47	117	137068	40.202	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	227650	35.914	ng		92
20) 3+4-Methylphenols	7.37	107	370751	38.736	ng	#	60
22) Acetophenone	7.38	105	494164	38.120	ng	#	97
24) Nitrobenzene	7.55	77	361235	42.540	ng		99
25) Isophorone	7.78	82	602346	35.974	ng		99
26) 2-Nitrophenol	7.86	139	192541	69.347	ng		95
27) 2,4-Dimethylphenol	7.90	122	263457	36.728	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	386264	38.096	ng		98
29) 2,4-Dichlorophenol	8.11	162	280979	43.055	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	315007	41.617	ng		99
31) Naphthalene	8.27	128	1000257	39.257	ng		99
32) Benzoic acid	8.04	122	191718m	44.570	ng		
33) 4-Chloroaniline	8.32	127	434001	40.600	ng		98
34) Hexachlorobutadiene	8.37	225	170648	41.120	ng		99
35) Caprolactam	8.70	113	90162	40.122	ng	#	74
36) 4-Chloro-3-methylphenol	8.80	107	300636	41.787	ng		96
37) 2-Methylnaphthalene	8.96	142	657660	40.702	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	296581	43.301	ng		99
40) Hexachlorocyclopentadiene	9.10	237	126126	35.686	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	191193	43.641	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	227886	46.086	ng		95
45) 1,1'-Biphenyl	9.42	154	821372	41.028	ng		99
46) 2-Chloronaphthalene	9.45	162	650700	40.923	ng		99
47) 2-Nitroaniline	9.56	65	189597	51.053	ng		92
48) Acenaphthylene	9.87	152	980872	39.781	ng		100
49) Dimethylphthalate	9.72	163	757768	41.369	ng		99
50) 2,6-Dinitrotoluene	9.79	165	166167	50.486	ng		92
51) Acenaphthene	10.04	154	560693	38.297	ng		98
52) 3-Nitroaniline	9.97	138	192733	48.493	ng		94
53) 2,4-Dinitrophenol	10.07	184	61338	89.901	ng	#	29
54) Dibenzofuran	10.22	168	839240	40.136	ng		99
55) 4-Nitrophenol	10.15	139	118003	40.066	ng		89
56) 2,4-Dinitrotoluene	10.20	165	217895	53.967	ng	#	94
57) Fluorene	10.56	166	675030	41.603	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	169272	48.311	ng		91
59) Diethylphthalate	10.42	149	730681	40.191	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	314479	42.409	ng		95
61) 4-Nitroaniline	10.60	138	180406	47.131	ng		94
62) Azobenzene	10.70	77	665263	35.992	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	112836	78.178	ng		82
65) n-Nitrosodiphenylamine	10.67	169	601276	39.630	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	190975	41.729	ng		95
67) Hexachlorobenzene	11.10	284	220323	42.180	ng	#	89
68) Atrazine	11.19	200	187133	39.872	ng		98
69) Pentachlorophenol	11.30	266	125442	41.772	ng		98
70) Phenanthrene	11.53	178	960638	39.398	ng		99
71) Anthracene	11.58	178	998159	40.306	ng		99
72) Carbazole	11.74	167	960903	39.921	ng		99
73) Di-n-butylphthalate	12.05	149	1148358	39.761	ng		99
74) Fluoranthene	12.72	202	1014686	40.394	ng		97
76) Benzidine	12.85	184	444997	28.701	ng		98
77) Pyrene	12.95	202	1038082	38.883	ng		100
79) Butylbenzylphthalate	13.55	149	500346	42.301	ng		97
80) Benzo(a)anthracene	14.14	228	907587	39.441	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	300681	39.064	ng		97
82) Chrysene	14.19	228	887203	40.446	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	623927	36.924	ng		100
84) Di-n-octyl phthalate	14.73	149	1107000	45.031	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	942833	49.218	ng		96
87) Benzo(b)fluoranthene	15.24	252	880100	37.174	ng		99
88) Benzo(k)fluoranthene	15.27	252	868024	38.141	ng		99
89) Benzo(a)pyrene	15.63	252	836323	38.946	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	776354	41.753	ng		97
91) Benzo(g,h,i)perylene	17.77	276	780841	43.166	ng		95

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

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