Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103669.D
Acq On : 15 Mar 2018 15:12
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
3/16/2018 12:06:06 PM

Quant Time: Mar 15 17:45:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 16:35:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159791	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	657476	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	310073	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	545213	20.00	ng		0.00
75) Chrysene-d12	14.15	240	438463	20.00	ng		0.00
86) Perylene-d12	15.67	264	400295	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	533375	50.48	ng		0.00
7) Phenol-d6	6.58	99	652819	50.50	ng		0.00
23) Nitrobenzene-d5	7.53	82	444632	38.62	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	139510	53.15	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1028494	56.39	ng		0.00
78) Terphenyl-d14	13.09	244	971208	53.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	127938	22.927	ng		93
3) Pyridine	3.60	79	352813	23.683	ng		91
4) n-Nitrosodimethylamine	3.55	42	127421	21.208	ng	#	99
6) Aniline	6.63	93	452565	24.256	ng		98
8) 2-Chlorophenol	6.75	128	277120	25.249	ng		94
9) Benzaldehyde	6.52	77	213640	26.362	ng		98
10) Phenol	6.59	94	345023	22.989	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	280614	24.635	ng		96
12) 1,3-Dichlorobenzene	6.91	146	313370	24.985	ng		99
13) 1,4-Dichlorobenzene	6.99	146	317096	25.217	ng		99
14) 1,2-Dichlorobenzene	7.14	146	298770	25.767	ng		99
15) Benzyl Alcohol	7.10	79	251695	25.836	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	400674	20.484	ng		96
17) 2-Methylphenol	7.20	107	248152	24.879	ng		97
18) Hexachloroethane	7.48	117	111259	24.304	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	209055	25.982	ng		98
20) 3+4-Methylphenols	7.36	107	320969	26.399	ng		93
22) Acetophenone	7.37	105	433538	28.250	ng		96
24) Nitrobenzene	7.55	77	275090	21.702	ng		95
25) Isophorone	7.78	82	548739	24.201	ng		96
26) 2-Nitrophenol	7.86	139	69779	11.694	ng		99
27) 2,4-Dimethylphenol	7.89	122	235115	25.777	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	335617	25.175	ng		98
29) 2,4-Dichlorophenol	8.10	162	220366	25.235	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	251279	27.021	ng		99
31) Naphthalene	8.27	128	846559	26.300	ng		99
32) Benzoic acid	7.98	122	106713m	17.724	ng		
33) 4-Chloroaniline	8.32	127	356832	25.690	ng		98
34) Hexachlorobutadiene	8.39	225	139447	28.797	ng		99
35) Caprolactam	8.67	113	71028	23.143	ng		96
36) 4-Chloro-3-methylphenol	8.78	107	241507	24.519	ng		98
37) 2-Methylnaphthalene	8.96	142	545636	26.229	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	229170	27.035	ng		99
40) Hexachlorocyclopentadiene	9.12	237	113259	48.106	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	145447	25.500	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	164679	25.103	ng		98
45) 1,1'-Biphenyl	9.43	154	666542	25.653	ng		98
46) 2-Chloronaphthalene	9.45	162	524400	25.511	ng		99
47) 2-Nitroaniline	9.55	65	104332	13.702	ng		98
48) Acenaphthylene	9.87	152	810470	25.626	ng		99
49) Dimethylphthalate	9.72	163	600509	24.141	ng		100
50) 2,6-Dinitrotoluene	9.79	165	99927	19.143	ng		94
51) Acenaphthene	10.04	154	484812	26.288	ng		99
52) 3-Nitroaniline	9.96	138	120272	18.160	ng	#	98
53) 2,4-Dinitrophenol	10.05	184	13725	9.465	ng	#	1
54) Dibenzofuran	10.22	168	691295	27.306	ng		99
55) 4-Nitrophenol	10.09	139	87197	21.244	ng		87
56) 2,4-Dinitrotoluene	10.19	165	116115	17.588	ng		94
57) Fluorene	10.56	166	541584	25.113	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	116849	26.515	ng		100
59) Diethylphthalate	10.42	149	598831	25.171	ng		100
60) 4-Chlorophenyl-phenylether	10.55	204	248147	27.133	ng		99
61) 4-Nitroaniline	10.57	138	115188	17.413	ng		92
62) Azobenzene	10.70	77	602044	24.861	ng		97
64) 4,6-Dinitro-2-methylphenol	10.59	198	30215	9.911	ng		95
65) n-Nitrosodiphenylamine	10.66	169	477439	25.150	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	143711	25.303	ng		92
67) Hexachlorobenzene	11.10	284	163755	26.564	ng		92
68) Atrazine	11.19	200	144919	25.398	ng		97
69) Pentachlorophenol	11.29	266	89254	29.944	ng		97
70) Phenanthrene	11.52	178	767715	25.586	ng		100
71) Anthracene	11.57	178	781045	25.385	ng		100
72) Carbazole	11.73	167	747177	24.386	ng		100
73) Di-n-butylphthalate	12.05	149	929063	24.233	ng		99
74) Fluoranthene	12.72	202	783923	26.000	ng		98
76) Benzidine	12.83	184	490430	29.919	ng		100
77) Pyrene	12.94	202	813886	23.808	ng		99
79) Butylbenzylphthalate	13.56	149	354374	19.620	ng		94
80) Benzo(a)anthracene	14.14	228	705939	24.814	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	249360	24.561	ng		98
82) Chrysene	14.17	228	679557	24.601	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	539734	22.144	ng		100
84) Di-n-octyl phthalate	14.74	149	780994	19.832	ng		99
85) Indeno(1,2,3-cd)pyrene	17.23	276	575798	26.330	ng		97
87) Benzo(b)fluoranthene	15.22	252	605499	23.006	ng		99
88) Benzo(k)fluoranthene	15.25	252	629407	25.396	ng		100
89) Benzo(a)pyrene	15.61	252	568029	24.168	ng		99
90) Dibenzo(a,h)anthracene	17.26	278	489586	26.958	ng		97
91) Benzo(g,h,i)perylene	17.71	276	464634	26.177	ng		96

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

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