Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102079.D
Acq On : 15 Jan 2018 22:40
Operator : SJ/JU
Sample : PB105648BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105648BSD

Manual Integrations APPROVED
Sohil
1/16/2018 5:01:27 PM

Quant Time: Jan 16 01:11:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184614	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	737423	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	308961	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	467763	20.00	ng		0.00
75) Chrysene-d12	13.87	240	283193	20.00	ng		-0.01
86) Perylene-d12	15.28	264	288564	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	921040	70.45	ng		0.01
7) Phenol-d6	6.36	99	1094306	70.15	ng		0.00
23) Nitrobenzene-d5	7.29	82	923749	73.61	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	197255	73.16	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1591887	80.49	ng		0.00
78) Terphenyl-d14	12.82	244	982653	72.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	181691	27.848	ng		96
3) Pyridine	3.19	79	492693	27.652	ng		94
4) n-Nitrosodimethylamine	3.15	42	233257	31.262	ng		96
6) Aniline	6.38	93	235477	10.712	ng		94
8) 2-Chlorophenol	6.50	128	457023	34.855	ng		100
9) Benzaldehyde	6.27	77	72836	6.725	ng		92
10) Phenol	6.37	94	543078	30.808	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	423184	31.540	ng		99
12) 1,3-Dichlorobenzene	6.66	146	466860	30.887	ng		98
13) 1,4-Dichlorobenzene	6.74	146	471371	31.252	ng		99
14) 1,2-Dichlorobenzene	6.89	146	435019	31.161	ng		98
15) Benzyl Alcohol	6.87	79	349929	30.669	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	688036	27.818	ng		99
17) 2-Methylphenol	6.98	107	351108	29.683	ng		98
18) Hexachloroethane	7.23	117	158555	29.852	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	289779	28.348	ng		96
20) 3+4-Methylphenols	7.13	107	417355	29.386	ng	#	68
22) Acetophenone	7.13	105	582920	32.808	ng	#	87
24) Nitrobenzene	7.31	77	436728	32.388	ng		94
25) Isophorone	7.55	82	794851	32.056	ng		99
26) 2-Nitrophenol	7.62	139	231214	40.967	ng		97
27) 2,4-Dimethylphenol	7.66	122	361511	34.297	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	499261	33.347	ng		100
29) 2,4-Dichlorophenol	7.86	162	346222	34.593	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	344310	32.889	ng		98
31) Naphthalene	8.03	128	1187163	32.218	ng		100
32) Benzoic acid	7.77	122	210413	26.326	ng		98
33) 4-Chloroaniline	8.07	127	87215	5.545	ng		98
34) Hexachlorobutadiene	8.14	225	185302	33.440	ng		97
35) Caprolactam	8.45	113	116044m	33.774	ng		
36) 4-Chloro-3-methylphenol	8.56	107	366809	33.482	ng		100
37) 2-Methylnaphthalene	8.72	142	808947	33.348	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	319318	36.532	ng		99
40) Hexachlorocyclopentadiene	8.87	237	142264	29.761	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	228080	37.866	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	226311	33.243	ng		98
45) 1,1'-Biphenyl	9.18	154	919725	33.679	ng		99
46) 2-Chloronaphthalene	9.20	162	700181	33.064	ng		99
47) 2-Nitroaniline	9.30	65	219461	34.596	ng		99
48) Acenaphthylene	9.62	152	1046308	31.133	ng		99
49) Dimethylphthalate	9.49	163	819143	33.050	ng		99
50) 2,6-Dinitrotoluene	9.55	165	179572	36.271	ng		100
51) Acenaphthene	9.79	154	616009	30.199	ng		98
52) 3-Nitroaniline	9.71	138	101676	16.273	ng		97
53) 2,4-Dinitrophenol	9.82	184	61719	37.748	ng	#	21
54) Dibenzofuran	9.96	168	913427	32.628	ng		99
55) 4-Nitrophenol	9.88	139	278948	59.906	ng		92
56) 2,4-Dinitrotoluene	9.95	165	224121	36.118	ng		95
57) Fluorene	10.30	166	670103	34.625	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	167306	34.520	ng		98
59) Diethylphthalate	10.19	149	794132	32.210	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	300523	36.468	ng		99
61) 4-Nitroaniline	10.33	138	159314	26.867	ng		90
62) Azobenzene	10.46	77	714169	29.115	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	51126	23.413	ng		92
65) n-Nitrosodiphenylamine	10.42	169	624035	35.627	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	185408	37.534	ng		94
67) Hexachlorobenzene	10.84	284	182216	33.789	ng		98
68) Atrazine	10.94	200	191469	37.825	ng		99
69) Pentachlorophenol	11.04	266	180452	54.875	ng		99
70) Phenanthrene	11.26	178	886583	32.448	ng		99
71) Anthracene	11.32	178	901423	32.529	ng		99
72) Carbazole	11.47	167	804115	29.522	ng		99
73) Di-n-butylphthalate	11.80	149	1124933	33.664	ng		99
74) Fluoranthene	12.44	202	768040	28.570	ng		98
76) Benzidine	12.57	184	167643	12.259	ng		97
77) Pyrene	12.67	202	747895	29.877	ng		99
79) Butylbenzylphthalate	13.30	149	365782	31.840	ng		94
80) Benzo(a)anthracene	13.86	228	579468	32.071	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	180105	26.921	ng		99
82) Chrysene	13.89	228	587445	31.180	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	450641	34.195	ng		99
84) Di-n-octyl phthalate	14.47	149	797963	36.489	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	533990	38.941	ng		99
87) Benzo(b)fluoranthene	14.88	252	595635	31.657	ng		99
88) Benzo(k)fluoranthene	14.91	252	577690	31.828	ng		98
89) Benzo(a)pyrene	15.23	252	564068	33.315	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	450229	33.322	ng		99
91) Benzo(g,h,i)perylene	17.07	276	425386	31.254	ng		96

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

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