Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101982.D
Acq On : 10 Jan 2018 16:48
Operator : SJ/JU
Sample : PB105555BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105555BS

Manual Integrations APPROVED
Sohil
1/11/2018 10:52:39 AM

Quant Time: Jan 11 03:10:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	219430	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	907466	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	395613	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	643517	20.00	ng		0.00
75) Chrysene-d12	13.88	240	379293	20.00	ng		0.00
86) Perylene-d12	15.30	264	353569	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1545409	99.45	ng		0.03
7) Phenol-d6	6.37	99	1882430	101.53	ng		0.02
23) Nitrobenzene-d5	7.30	82	1200658	77.75	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	365077	105.74	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1937832	76.52	ng		0.00
78) Terphenyl-d14	12.83	244	1491879	81.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	241186	31.101	ng		94
3) Pyridine	3.20	79	678713	32.048	ng		92
4) n-Nitrosodimethylamine	3.15	42	331562	37.386	ng		97
6) Aniline	6.40	93	542985	20.781	ng		97
8) 2-Chlorophenol	6.52	128	557464	35.769	ng		97
9) Benzaldehyde	6.27	77	116897	9.081	ng		97
10) Phenol	6.39	94	670327	31.993	ng		89
11) bis(2-Chloroethyl)ether	6.47	93	556855	34.917	ng		96
12) 1,3-Dichlorobenzene	6.67	146	601620	33.487	ng		98
13) 1,4-Dichlorobenzene	6.75	146	596804	33.290	ng		98
14) 1,2-Dichlorobenzene	6.90	146	554720	33.431	ng		99
15) Benzyl Alcohol	6.87	79	458752	33.827	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	999094	33.985	ng		97
17) 2-Methylphenol	6.99	107	474912	33.779	ng		98
18) Hexachloroethane	7.24	117	220627	34.948	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	387082	31.859	ng		92
20) 3+4-Methylphenols	7.15	107	539659	31.969	ng	#	71
22) Acetophenone	7.15	105	763238	34.907	ng	#	86
24) Nitrobenzene	7.32	77	594344	35.817	ng		99
25) Isophorone	7.56	82	1102215	36.123	ng		99
26) 2-Nitrophenol	7.63	139	314020	45.213	ng		91
27) 2,4-Dimethylphenol	7.67	122	508782	39.225	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	680361	36.928	ng		99
29) 2,4-Dichlorophenol	7.87	162	464777	37.736	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	450181	34.944	ng		98
31) Naphthalene	8.03	128	1579614	34.836	ng		99
32) Benzoic acid	7.80	122	339547	34.522	ng		97
33) 4-Chloroaniline	8.09	127	256590	13.258	ng		99
34) Hexachlorobutadiene	8.15	225	233484	34.239	ng		99
35) Caprolactam	8.47	113	161454m	38.185	ng		
36) 4-Chloro-3-methylphenol	8.57	107	488737	36.252	ng		97
37) 2-Methylnaphthalene	8.73	142	1073600	35.965	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	392483	35.068	ng		97
40) Hexachlorocyclopentadiene	8.88	237	489798	80.021	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	299888	38.883	ng		100
43) 2,4,5-Trichlorophenol	9.05	196	309420	35.496	ng		96
45) 1,1'-Biphenyl	9.19	154	1228121	35.121	ng		100
46) 2-Chloronaphthalene	9.22	162	933429	34.423	ng		99
47) 2-Nitroaniline	9.32	65	321504	39.582	ng		95
48) Acenaphthylene	9.63	152	1418110	32.954	ng		99
49) Dimethylphthalate	9.50	163	1074556	33.859	ng		100
50) 2,6-Dinitrotoluene	9.56	165	239209	37.734	ng		96
51) Acenaphthene	9.80	154	843244	32.284	ng		100
52) 3-Nitroaniline	9.72	138	180418	22.550	ng		97
53) 2,4-Dinitrophenol	9.83	184	187098	77.529	ng	#	18
54) Dibenzofuran	9.97	168	1246127	34.762	ng		98
55) 4-Nitrophenol	9.89	139	426199	71.482	ng		95
56) 2,4-Dinitrotoluene	9.96	165	319674	40.232	ng		96
57) Fluorene	10.32	166	905796	36.553	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	235896	38.011	ng		99
59) Diethylphthalate	10.20	149	1040922	32.973	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	385986	36.579	ng		98
61) 4-Nitroaniline	10.34	138	233969	30.814	ng		90
62) Azobenzene	10.47	77	1076210	34.264	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	124099	36.981	ng		96
65) n-Nitrosodiphenylamine	10.43	169	845484	35.087	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	255623	37.615	ng		96
67) Hexachlorobenzene	10.86	284	257300	34.681	ng		97
68) Atrazine	10.96	200	260305	37.379	ng		99
69) Pentachlorophenol	11.06	266	277950	61.439	ng		100
70) Phenanthrene	11.27	178	1297506	34.517	ng		99
71) Anthracene	11.33	178	1334826	35.013	ng		99
72) Carbazole	11.48	167	1184329	31.606	ng		99
73) Di-n-butylphthalate	11.82	149	1576140	34.285	ng		99
74) Fluoranthene	12.46	202	1228070	33.206	ng		98
76) Benzidine	12.59	184	54485	2.975	ng		96
77) Pyrene	12.69	202	1232858	36.772	ng		99
79) Butylbenzylphthalate	13.31	149	576031	37.438	ng		99
80) Benzo(a)anthracene	13.87	228	826163	34.139	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	212930	23.763	ng		98
82) Chrysene	13.91	228	838710	33.237	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	627107	35.529	ng	#	98
84) Di-n-octyl phthalate	14.48	149	1105675	37.750	ng		97
85) Indeno(1,2,3-cd)pyrene	16.68	276	893630	48.656	ng		96
87) Benzo(b)fluoranthene	14.89	252	792355	34.370	ng	#	96
88) Benzo(k)fluoranthene	14.92	252	695659	31.280	ng		97
89) Benzo(a)pyrene	15.24	252	742333	35.783	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	737578	44.553	ng		97
91) Benzo(g,h,i)perylene	17.10	276	790750	47.417	ng		97

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

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