Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102816.D
Acq On : 7 Feb 2018 15:36
Operator : SJ/JU
Sample : J1455-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Manual Integrations APPROVED
Sohil
4/13/2018 4:48:39 PM

Quant Time: Apr 13 16:22:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 16:01:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203683	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	865546	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	397294	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	684121	20.00	ng		0.01
75) Chrysene-d12	14.05	240	431679	20.00	ng		0.01
86) Perylene-d12	15.53	264	357112	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	815930	60.84	ng		0.01
7) Phenol-d6	6.50	99	628522	38.92	ng		0.00
23) Nitrobenzene-d5	7.45	82	1307262	104.77	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	448682	140.31	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	2030208	84.79	ng		0.00
78) Terphenyl-d14	13.00	244	1828692	100.30	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	104664	15.800	ng		88
3) Pyridine	3.48	79	213537	11.667	ng		89
4) n-Nitrosodimethylamine	3.40	42	139005	17.751	ng		98
6) Aniline	6.55	93	469415	19.683	ng		98
8) 2-Chlorophenol	6.67	128	516893	37.435	ng		96
9) Benzaldehyde	6.43	77	210733	17.572	ng		96
10) Phenol	6.52	94	253345	14.724	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	621007	43.123	ng		90
12) 1,3-Dichlorobenzene	6.82	146	617512	38.620	ng		97
13) 1,4-Dichlorobenzene	6.90	146	623332	39.135	ng		99
14) 1,2-Dichlorobenzene	7.06	146	577123	38.902	ng		97
15) Benzyl Alcohol	7.02	79	356667	28.727	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1137509	41.581	ng		98
17) 2-Methylphenol	7.13	107	376778	29.583	ng		99
18) Hexachloroethane	7.39	117	223552	40.930	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	455032	42.737	ng		95
20) 3+4-Methylphenols	7.28	107	382485	24.352	ng	#	76
22) Acetophenone	7.29	105	867468	40.955	ng		95
24) Nitrobenzene	7.47	77	688940	46.945	ng		97
25) Isophorone	7.70	82	1304518	45.405	ng		99
26) 2-Nitrophenol	7.78	139	356289	57.088	ng		99
27) 2,4-Dimethylphenol	7.82	122	530133	43.675	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	808846	47.524	ng		98
29) 2,4-Dichlorophenol	8.02	162	498053	45.137	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	500064	40.060	ng		98
31) Naphthalene	8.19	128	1731817	40.952	ng		99
32) Benzoic acid	7.89	122	119063	21.269	ng		99
33) 4-Chloroaniline	8.23	127	404704	22.215	ng		98
34) Hexachlorobutadiene	8.30	225	238524	37.290	ng		98
35) Caprolactam	8.62	113	28454m	7.425	ng		
36) 4-Chloro-3-methylphenol	8.70	107	516004	41.620	ng		98
37) 2-Methylnaphthalene	8.88	142	1173563	42.387	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	448153	41.428	ng		99
40) Hexachlorocyclopentadiene	9.03	237	420618	81.793	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	344847	48.534	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	369160	46.097	ng		98
45) 1,1'-Biphenyl	9.35	154	1353680	40.453	ng		100
46) 2-Chloronaphthalene	9.37	162	1105908	41.979	ng		99
47) 2-Nitroaniline	9.46	65	422886	51.729	ng		88
48) Acenaphthylene	9.79	152	1653678	40.415	ng		98
49) Dimethylphthalate	9.65	163	1345629	43.438	ng		99
50) 2,6-Dinitrotoluene	9.71	165	311318	52.823	ng		96
51) Acenaphthene	9.96	154	1010622	41.301	ng		99
52) 3-Nitroaniline	9.87	138	208795	28.792	ng		98
53) 2,4-Dinitrophenol	9.99	184	298812	115.235	ng	#	21
54) Dibenzofuran	10.13	168	1496177	43.387	ng		98
55) 4-Nitrophenol	10.03	139	198097	35.593	ng		91
56) 2,4-Dinitrotoluene	10.11	165	417238	52.480	ng	#	95
57) Fluorene	10.47	166	1092948	43.561	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	283277	51.036	ng	#	98
59) Diethylphthalate	10.35	149	1304449	42.646	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	492786	44.399	ng		98
61) 4-Nitroaniline	10.50	138	327788	47.488	ng		89
62) Azobenzene	10.63	77	1294552	42.365	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	195327	62.481	ng		92
65) n-Nitrosodiphenylamine	10.59	169	1045221	43.314	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	321918	44.484	ng		91
67) Hexachlorobenzene	11.02	284	345294	43.251	ng		92
68) Atrazine	11.12	200	316714	44.489	ng		99
69) Pentachlorophenol	11.22	266	377278	80.504	ng		99
70) Phenanthrene	11.44	178	1619765	42.512	ng		98
71) Anthracene	11.49	178	1688863	43.581	ng		99
72) Carbazole	11.65	167	1582135	41.673	ng		99
73) Di-n-butylphthalate	11.97	149	1989435	43.138	ng		100
74) Fluoranthene	12.63	202	1608828	41.969	ng		99
76) Benzidine	12.74	184	183573	9.253	ng		97
77) Pyrene	12.86	202	1644452	48.580	ng		100
79) Butylbenzylphthalate	13.47	149	803113	49.566	ng		95
80) Benzo(a)anthracene	14.04	228	1262523	46.504	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	288511	28.662	ng		98
82) Chrysene	14.08	228	1201260	43.894	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1017562	49.071	ng		100
84) Di-n-octyl phthalate	14.63	149	1570458	50.438	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1148715	50.609	ng		99
87) Benzo(b)fluoranthene	15.09	252	1117849	48.281	ng		98
88) Benzo(k)fluoranthene	15.13	252	960332	43.410	ng		98
89) Benzo(a)pyrene	15.47	252	983824	47.207	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	940705	55.612	ng		99
91) Benzo(g,h,i)perylene	17.49	276	1020077	61.611	ng		98

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

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