Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104429.D
Acq On : 11 Apr 2018 10:51
Operator : JU/SJ
Sample : J2301-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-6(0-5)MS

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:22 PM

Quant Time: Apr 11 14:20:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143955	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	585560	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	270352	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	481626	20.00	ng		0.00
75) Chrysene-d12	13.99	240	328222	20.00	ng		0.00
86) Perylene-d12	15.44	264	311478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	915997	97.30	ng		0.02
7) Phenol-d6	6.45	99	1254725	108.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	748856	83.51	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	327401	116.74	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1304361	76.22	ng		0.00
78) Terphenyl-d14	12.93	244	1276280	88.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	147975	33.732	ng		91
3) Pyridine	3.32	79	404133	32.766	ng		88
4) n-Nitrosodimethylamine	3.28	42	163006	37.808	ng	#	81
6) Aniline	6.47	93	328474	20.439	ng		96
8) 2-Chlorophenol	6.60	128	415457	41.810	ng		95
9) Benzaldehyde	6.36	77	291835	58.326	ng		94
10) Phenol	6.46	94	568800	46.344	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	399706	40.810	ng		95
12) 1,3-Dichlorobenzene	6.75	146	441670	39.234	ng		99
13) 1,4-Dichlorobenzene	6.83	146	441060	39.304	ng		99
14) 1,2-Dichlorobenzene	6.98	146	417779	40.175	ng		99
15) Benzyl Alcohol	6.95	79	357013	40.635	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	528649	40.191	ng		93
17) 2-Methylphenol	7.06	107	346832	40.153	ng		97
18) Hexachloroethane	7.32	117	160214	40.044	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	282914	37.428	ng		94
20) 3+4-Methylphenols	7.22	107	404125	37.724	ng	#	79
22) Acetophenone	7.22	105	555245	38.515	ng		96
24) Nitrobenzene	7.40	77	443812	44.826	ng		95
25) Isophorone	7.63	82	726192	38.295	ng		99
26) 2-Nitrophenol	7.71	139	235893	58.525	ng		96
27) 2,4-Dimethylphenol	7.75	122	324892	38.821	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	490208	42.280	ng		99
29) 2,4-Dichlorophenol	7.95	162	346899	43.442	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	359649	41.039	ng		99
31) Naphthalene	8.12	128	1126946	38.650	ng		99
32) Benzoic acid	7.87	122	229562	34.378	ng		98
33) 4-Chloroaniline	8.16	127	128402	10.279	ng		97
34) Hexachlorobutadiene	8.23	225	201533	41.985	ng		99
35) Caprolactam	8.55	113	112602m	40.422	ng		
36) 4-Chloro-3-methylphenol	8.65	107	373436	43.614	ng		95
37) 2-Methylnaphthalene	8.80	142	725979	38.492	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316390	40.882	ng		99
40) Hexachlorocyclopentadiene	8.96	237	355905	82.146	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	249864	46.510	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	250093	41.600	ng		94
45) 1,1'-Biphenyl	9.27	154	918879	40.459	ng		98
46) 2-Chloronaphthalene	9.30	162	744399	41.496	ng		100
47) 2-Nitroaniline	9.39	65	229457	51.722	ng		98
48) Acenaphthylene	9.72	152	1097758	39.002	ng		100
49) Dimethylphthalate	9.58	163	986267	46.262	ng		99
50) 2,6-Dinitrotoluene	9.64	165	197833	50.149	ng		93
51) Acenaphthene	9.89	154	651119	37.916	ng		99
52) 3-Nitroaniline	9.80	138	84400	18.275	ng		94
53) 2,4-Dinitrophenol	9.92	184	181201	99.495	ng	#	21
54) Dibenzofuran	10.06	168	979364	40.923	ng		98
55) 4-Nitrophenol	9.97	139	336929	92.873	ng		95
56) 2,4-Dinitrotoluene	10.05	165	250366	48.384	ng		94
57) Fluorene	10.40	166	685720	39.365	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	196612	43.837	ng		94
59) Diethylphthalate	10.27	149	833276	39.245	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	348555	44.930	ng		99
61) 4-Nitroaniline	10.43	138	195911	43.385	ng		96
62) Azobenzene	10.56	77	813692	40.112	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	138724	57.436	ng		87
65) n-Nitrosodiphenylamine	10.52	169	697986	41.798	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	225307	43.980	ng	#	88
67) Hexachlorobenzene	10.95	284	243865	42.305	ng		96
68) Atrazine	11.05	200	224782	44.594	ng		100
69) Pentachlorophenol	11.15	266	272846	76.510	ng		99
70) Phenanthrene	11.36	178	1026331	38.265	ng		99
71) Anthracene	11.42	178	1042163	38.224	ng		100
72) Carbazole	11.57	167	1042476	39.129	ng		99
73) Di-n-butylphthalate	11.90	149	1247020	38.317	ng		99
74) Fluoranthene	12.56	202	1017125	36.296	ng		96
76) Benzidine	12.67	184	423325	37.326	ng		99
77) Pyrene	12.79	202	1039908	42.744	ng		100
79) Butylbenzylphthalate	13.40	149	501480	43.753	ng		99
80) Benzo(a)anthracene	13.97	228	787245	40.148	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	195046	26.678	ng	#	98
82) Chrysene	14.01	228	779203	38.688	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	656121	44.505	ng		100
84) Di-n-octyl phthalate	14.58	149	1048504	42.564	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	848596	49.599	ng		97
87) Benzo(b)fluoranthene	15.03	252	756152	38.437	ng		99
88) Benzo(k)fluoranthene	15.06	252	684929	36.879	ng		98
89) Benzo(a)pyrene	15.39	252	695635	39.520	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	692585	47.908	ng		99
91) Benzo(g,h,i)perylene	17.35	276	727009	51.907	ng		96

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

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