Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104430.D
Acq On : 11 Apr 2018 11:18
Operator : JU/SJ
Sample : J2301-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/12/2018 2:30:25 PM

Quant Time: Apr 11 14:22:40 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	144447	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	588623	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	272612	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	488764	20.00	ng		0.00
75) Chrysene-d12	13.99	240	338953	20.00	ng		0.00
86) Perylene-d12	15.44	264	301552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	920944	97.49	ng		0.02
7) Phenol-d6	6.45	99	1258988	108.47	ng		0.00
23) Nitrobenzene-d5	7.37	82	759905	84.30	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	325401	115.07	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1308328	75.82	ng		0.00
78) Terphenyl-d14	12.93	244	1330158	89.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	150396	34.167	ng		89
3) Pyridine	3.32	79	411164	33.223	ng		86
4) n-Nitrosodimethylamine	3.28	42	162230	37.500	ng		81
6) Aniline	6.47	93	329303	20.421	ng		96
8) 2-Chlorophenol	6.60	128	419343	42.057	ng		94
9) Benzaldehyde	6.36	77	291087	57.606	ng		95
10) Phenol	6.46	94	570914	46.357	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	403736	41.081	ng		94
12) 1,3-Dichlorobenzene	6.75	146	440999	39.041	ng		99
13) 1,4-Dichlorobenzene	6.83	146	444651	39.489	ng		98
14) 1,2-Dichlorobenzene	6.98	146	420577	40.306	ng		99
15) Benzyl Alcohol	6.95	79	361627	41.020	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	534557	40.502	ng		93
17) 2-Methylphenol	7.06	107	348280	40.184	ng		97
18) Hexachloroethane	7.32	117	164576	40.994	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	285817	37.683	ng		96
20) 3+4-Methylphenols	7.22	107	402282	37.424	ng	#	78
22) Acetophenone	7.22	105	558274	38.524	ng		96
24) Nitrobenzene	7.40	77	438829	44.092	ng		95
25) Isophorone	7.63	82	726706	38.123	ng		99
26) 2-Nitrophenol	7.71	139	237702	58.667	ng		94
27) 2,4-Dimethylphenol	7.75	122	327339	38.910	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	491334	42.157	ng		100
29) 2,4-Dichlorophenol	7.95	162	351519	43.792	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	360894	40.967	ng		99
31) Naphthalene	8.12	128	1127534	38.469	ng		100
32) Benzoic acid	7.87	122	232204	34.593	ng		97
33) 4-Chloroaniline	8.16	127	126040	10.037	ng		96
34) Hexachlorobutadiene	8.23	225	204933	42.471	ng		97
35) Caprolactam	8.55	113	112898m	40.317	ng		
36) 4-Chloro-3-methylphenol	8.65	107	377262	43.832	ng		98
37) 2-Methylnaphthalene	8.80	142	723628	38.167	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	319801	40.981	ng		99
40) Hexachlorocyclopentadiene	8.96	237	357207	81.763	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	245797	45.373	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	255052	42.073	ng		93
45) 1,1'-Biphenyl	9.27	154	924113	40.352	ng		99
46) 2-Chloronaphthalene	9.30	162	744103	41.135	ng		99
47) 2-Nitroaniline	9.39	65	234540	52.429	ng		97
48) Acenaphthylene	9.72	152	1100376	38.771	ng		99
49) Dimethylphthalate	9.58	163	994529	46.262	ng		99
50) 2,6-Dinitrotoluene	9.64	165	196704	49.449	ng		95
51) Acenaphthene	9.89	154	657617	37.976	ng		99
52) 3-Nitroaniline	9.80	138	81328	17.464	ng		97
53) 2,4-Dinitrophenol	9.92	184	185637	100.536	ng	#	21
54) Dibenzofuran	10.06	168	984572	40.799	ng		97
55) 4-Nitrophenol	9.97	139	343663	93.944	ng		95
56) 2,4-Dinitrotoluene	10.05	165	259439	49.722	ng	#	96
57) Fluorene	10.40	166	691289	39.356	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198034	43.788	ng		95
59) Diethylphthalate	10.27	149	841409	39.300	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	343338	43.890	ng		99
61) 4-Nitroaniline	10.43	138	201354	44.220	ng		97
62) Azobenzene	10.55	77	820245	40.100	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	143075	58.253	ng		87
65) n-Nitrosodiphenylamine	10.52	169	705199	41.613	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	227822	43.821	ng		97
67) Hexachlorobenzene	10.95	284	251467	42.987	ng		95
68) Atrazine	11.05	200	230122	44.987	ng		99
69) Pentachlorophenol	11.15	266	275343	76.082	ng		98
70) Phenanthrene	11.36	178	1047078	38.469	ng		99
71) Anthracene	11.42	178	1063642	38.442	ng		99
72) Carbazole	11.57	167	1080705	39.972	ng		99
73) Di-n-butylphthalate	11.90	149	1300443	39.375	ng		99
74) Fluoranthene	12.55	202	1063945	37.412	ng		99
76) Benzidine	12.67	184	460565	40.119	ng		98
77) Pyrene	12.79	202	1083790	43.137	ng		100
79) Butylbenzylphthalate	13.40	149	539923	45.615	ng		99
80) Benzo(a)anthracene	13.97	228	813847	40.191	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	200808	26.597	ng		99
82) Chrysene	14.02	228	813142	39.095	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	695869	45.707	ng		99
84) Di-n-octyl phthalate	14.59	149	1093060	42.968	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	823834	46.627	ng		97
87) Benzo(b)fluoranthene	15.02	252	753504	39.563	ng		97
88) Benzo(k)fluoranthene	15.06	252	657646	36.575	ng		98
89) Benzo(a)pyrene	15.39	252	667888	39.193	ng		97
90) Dibenzo(a,h)anthracene	16.92	278	671573	47.984	ng		99
91) Benzo(g,h,i)perylene	17.34	276	700481	51.660	ng		96

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

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