Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106415.D
Acq On : 14 Jun 2018 2:35
Operator : JU/SJ
Sample : PB110157BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110157BS

Manual Integrations APPROVED
Sohil
6/14/2018 2:48:05 PM

Quant Time: Jun 14 04:16:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143726	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	561684	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	268840	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	523159	20.00	ng		0.00
75) Chrysene-d12	14.15	240	356071	20.00	ng		-0.01
86) Perylene-d12	15.68	264	358483	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	727042	85.62	ng		-0.01
7) Phenol-d6	6.61	99	857655	79.94	ng		-0.01
23) Nitrobenzene-d5	7.53	82	845537	88.56	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	268368	103.75	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1394409	95.82	ng		0.00
78) Terphenyl-d14	13.08	244	1402787	97.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	139402	31.719	ng		95
3) Pyridine	3.62	79	429286	35.052	ng		99
4) n-Nitrosodimethylamine	3.60	42	197847	35.263	ng	#	93
6) Aniline	6.63	93	263729	16.834	ng	#	27
8) 2-Chlorophenol	6.77	128	385650	42.230	ng		98
9) Benzaldehyde	6.52	77	263326	32.358	ng		99
10) Phenol	6.62	94	494011	42.178	ng		81
11) bis(2-Chloroethyl)ether	6.70	93	399123	39.806	ng		98
12) 1,3-Dichlorobenzene	6.91	146	432299	40.221	ng		99
13) 1,4-Dichlorobenzene	6.98	146	435504	39.929	ng		99
14) 1,2-Dichlorobenzene	7.14	146	404883	39.434	ng		99
15) Benzyl Alcohol	7.11	79	358477	39.016	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	582051	40.496	ng	#	28
17) 2-Methylphenol	7.23	107	328547	40.324	ng	#	88
18) Hexachloroethane	7.48	117	152413	39.218	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	279445	34.718	ng		96
20) 3+4-Methylphenols	7.38	107	441435	42.367	ng		98
22) Acetophenone	7.37	105	541864	38.281	ng		99
24) Nitrobenzene	7.55	77	439353	42.337	ng		100
25) Isophorone	7.79	82	795865	42.676	ng		100
26) 2-Nitrophenol	7.87	139	214598	53.276	ng		97
27) 2,4-Dimethylphenol	7.91	122	355836	45.071	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	506174	41.859	ng		99
29) 2,4-Dichlorophenol	8.12	162	348655	45.776	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	354270	41.483	ng		96
31) Naphthalene	8.27	128	1065186	41.951	ng		98
32) Benzoic acid	8.03	122	229795	40.759	ng		91
33) 4-Chloroaniline	8.32	127	114606	10.185	ng		97
34) Hexachlorobutadiene	8.38	225	230348	41.984	ng		98
35) Caprolactam	8.69	113	119230m	46.280	ng		
36) 4-Chloro-3-methylphenol	8.82	107	367593	43.630	ng		96
37) 2-Methylnaphthalene	8.97	142	744064	43.025	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	380261	43.571	ng		96
40) Hexachlorocyclopentadiene	9.11	237	238831	49.600	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	265502	47.738	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	280976	46.863	ng		94
45) 1,1'-Biphenyl	9.43	154	876689	42.102	ng		99
46) 2-Chloronaphthalene	9.45	162	711037	42.669	ng		99
47) 2-Nitroaniline	9.55	65	252560	48.179	ng		92
48) Acenaphthylene	9.87	152	1119795	43.903	ng		98
49) Dimethylphthalate	9.72	163	876050	45.611	ng		98
50) 2,6-Dinitrotoluene	9.80	165	194131	49.481	ng		89
51) Acenaphthene	10.05	154	718154	43.598	ng		99
52) 3-Nitroaniline	9.96	138	99453	21.357	ng		92
53) 2,4-Dinitrophenol	10.07	184	147620	81.741	ng	#	16
54) Dibenzofuran	10.22	168	957362	43.161	ng		96
55) 4-Nitrophenol	10.15	139	284935	79.830	ng		95
56) 2,4-Dinitrotoluene	10.20	165	265602	53.909	ng	#	98
57) Fluorene	10.56	166	754772	42.948	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	241015	50.717	ng	#	83
59) Diethylphthalate	10.42	149	825632	43.308	ng		94
60) 4-Chlorophenyl-phenylether	10.55	204	393722	42.595	ng		91
61) 4-Nitroaniline	10.58	138	189400	41.805	ng		99
62) Azobenzene	10.71	77	848113	42.665	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	114162	41.442	ng		75
65) n-Nitrosodiphenylamine	10.67	169	727300	41.365	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	277120	46.572	ng	#	81
67) Hexachlorobenzene	11.11	284	278868	45.459	ng	#	85
68) Atrazine	11.20	200	253234	46.736	ng		95
69) Pentachlorophenol	11.31	266	245870	65.100	ng		97
70) Phenanthrene	11.53	178	1084308	42.321	ng		98
71) Anthracene	11.58	178	1111524	43.304	ng		97
72) Carbazole	11.74	167	987229	41.661	ng		98
73) Di-n-butylphthalate	12.05	149	1225148	46.454	ng		99
74) Fluoranthene	12.72	202	1068626	39.110	ng		96
76) Benzidine	12.84	184	526968	44.468	ng		98
77) Pyrene	12.95	202	1033208	46.348	ng		97
79) Butylbenzylphthalate	13.55	149	476850	57.145	ng		96
80) Benzo(a)anthracene	14.14	228	949648	44.817	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	227407	31.808	ng	#	96
82) Chrysene	14.18	228	881656	45.573	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	653672	54.634	ng		99
84) Di-n-octyl phthalate	14.74	149	977159	56.651	ng		99
85) Indeno(1,2,3-cd)pyrene	17.24	276	780632	50.560	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	925929	42.729	ng		97
88) Benzo(k)fluoranthene	15.25	252	922750	42.996	ng	#	97
89) Benzo(a)pyrene	15.61	252	892534	45.792	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	668604	41.145	ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	601069	38.062	ng	#	93

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

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