Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106432.D
Acq On : 14 Jun 2018 10:09
Operator : JU/SJ
Sample : PB110241BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110241BS

Manual Integrations APPROVED
Sohil
6/14/2018 2:48:24 PM

Quant Time: Jun 14 11:36:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 11:27:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127009	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	487977	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	240825	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	461005	20.00	ng		0.00
75) Chrysene-d12	14.15	240	332585	20.00	ng		0.00
86) Perylene-d12	15.69	264	329120	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	799992	106.61	ng		0.00
7) Phenol-d6	6.61	99	941353	99.29	ng		0.00
23) Nitrobenzene-d5	7.53	82	660584	79.64	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	301276	130.02	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1152904	85.03	ng		0.00
78) Terphenyl-d14	13.08	244	1174153	87.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	110011	28.326	ng		94
3) Pyridine	3.63	79	331591	30.638	ng		95
4) n-Nitrosodimethylamine	3.59	42	147212	29.692	ng		90
6) Aniline	6.63	93	268795	19.416	ng	#	40
8) 2-Chlorophenol	6.77	128	293909	36.420	ng		98
9) Benzaldehyde	6.52	77	194060	26.985	ng		99
10) Phenol	6.62	94	372230	35.964	ng		75
11) bis(2-Chloroethyl)ether	6.70	93	303667	34.272	ng		98
12) 1,3-Dichlorobenzene	6.91	146	333657	35.130	ng		100
13) 1,4-Dichlorobenzene	6.98	146	337849	35.053	ng		99
14) 1,2-Dichlorobenzene	7.14	146	313911	34.597	ng		99
15) Benzyl Alcohol	7.11	79	271848	33.481	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	454517	35.785	ng	#	46
17) 2-Methylphenol	7.23	107	252323	35.045	ng	#	90
18) Hexachloroethane	7.48	117	115609	33.663	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	218003	30.649	ng		96
20) 3+4-Methylphenols	7.38	107	331154	35.966	ng		93
22) Acetophenone	7.37	105	417434	33.945	ng	#	98
24) Nitrobenzene	7.55	77	338023	37.493	ng		96
25) Isophorone	7.78	82	598892	36.964	ng		98
26) 2-Nitrophenol	7.87	139	160025	45.729	ng		98
27) 2,4-Dimethylphenol	7.90	122	271455	39.576	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	385312	36.677	ng		99
29) 2,4-Dichlorophenol	8.12	162	266651	40.297	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	271909	36.648	ng		94
31) Naphthalene	8.27	128	830802	37.662	ng		99
32) Benzoic acid	8.02	122	149957	32.430	ng		97
33) 4-Chloroaniline	8.32	127	120918	12.369	ng		99
34) Hexachlorobutadiene	8.38	225	174675	36.645	ng		99
35) Caprolactam	8.68	113	87518m	39.102	ng		
36) 4-Chloro-3-methylphenol	8.81	107	278953	38.110	ng		95
37) 2-Methylnaphthalene	8.97	142	578917	38.531	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297174	38.012	ng		97
40) Hexachlorocyclopentadiene	9.11	237	160051	37.106	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	200398	40.223	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	210795	39.247	ng		90
45) 1,1'-Biphenyl	9.42	154	686021	36.778	ng		99
46) 2-Chloronaphthalene	9.45	162	550254	36.862	ng		97
47) 2-Nitroaniline	9.55	65	191086	40.692	ng		100
48) Acenaphthylene	9.87	152	873322	38.223	ng		98
49) Dimethylphthalate	9.72	163	647107	37.610	ng		99
50) 2,6-Dinitrotoluene	9.79	165	142964	40.678	ng		99
51) Acenaphthene	10.04	154	541830	36.720	ng		100
52) 3-Nitroaniline	9.96	138	100167	24.013	ng		98
53) 2,4-Dinitrophenol	10.07	184	76715	51.037	ng	#	19
54) Dibenzofuran	10.21	168	763217	38.411	ng		97
55) 4-Nitrophenol	10.15	139	212764	66.545	ng		93
56) 2,4-Dinitrotoluene	10.20	165	197352	44.716	ng		93
57) Fluorene	10.56	166	587663	37.329	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	176182	41.387	ng	#	83
59) Diethylphthalate	10.42	149	641628	37.572	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	302161	36.493	ng		90
61) 4-Nitroaniline	10.58	138	141639	34.900	ng		98
62) Azobenzene	10.71	77	652179	36.625	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	69441	30.556	ng		86
65) n-Nitrosodiphenylamine	10.67	169	564171	36.413	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	209352	39.927	ng	#	80
67) Hexachlorobenzene	11.11	284	211533	39.132	ng	#	85
68) Atrazine	11.19	200	193993	40.629	ng		98
69) Pentachlorophenol	11.31	266	167483	50.324	ng		99
70) Phenanthrene	11.52	178	857694	37.989	ng		99
71) Anthracene	11.58	178	874197	38.650	ng		98
72) Carbazole	11.73	167	767179	36.740	ng		99
73) Di-n-butylphthalate	12.05	149	986338	42.441	ng		99
74) Fluoranthene	12.72	202	812937	33.764	ng		97
76) Benzidine	12.84	184	475028	42.916	ng		99
77) Pyrene	12.95	202	808246	38.817	ng		99
79) Butylbenzylphthalate	13.55	149	361659	46.401	ng		96
80) Benzo(a)anthracene	14.14	228	741760	37.478	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	186689	27.957	ng	#	96
82) Chrysene	14.18	228	699494	38.710	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	492929	44.108	ng		100
84) Di-n-octyl phthalate	14.75	149	752552	46.710	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	585201	40.578	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	724317m	36.407	ng		
88) Benzo(k)fluoranthene	15.27	252	725042	36.798	ng	#	97
89) Benzo(a)pyrene	15.62	252	681719	38.096	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	503320	33.737	ng	#	95
91) Benzo(g,h,i)perylene	17.73	276	449100	30.976	ng		95

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

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