Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106848.D
Acq On : 27 Jun 2018 3:21
Operator : JU/SJ
Sample : PB110514BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Manual Integrations APPROVED
Sohil
6/27/2018 2:14:39 PM

Quant Time: Jun 27 05:39:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42319	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	150739	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	68647	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	125334	20.00	ng		0.00
75) Chrysene-d12	14.15	240	115275	20.00	ng		-0.02
86) Perylene-d12	15.68	264	85963	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	215868	86.38	ng		0.00
7) Phenol-d6	6.61	99	264241	84.67	ng		0.00
23) Nitrobenzene-d5	7.52	82	243003	89.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	70328	88.39	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	444171	114.67	ng		0.00
78) Terphenyl-d14	13.08	244	492674	103.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	43686	34.001	ng		99
3) Pyridine	3.65	79	128916	36.996	ng		95
4) n-Nitrosodimethylamine	3.62	42	51894	35.063	ng		87
6) Aniline	6.62	93	44928	10.612	ng	#	26
8) 2-Chlorophenol	6.75	128	113869	41.541	ng		96
9) Benzaldehyde	6.51	77	53705	22.429	ng		97
10) Phenol	6.62	94	138418	38.862	ng		94
11) bis(2-Chloroethyl)ether	6.70	93	115023	39.118	ng		98
12) 1,3-Dichlorobenzene	6.90	146	137800	42.922	ng		98
13) 1,4-Dichlorobenzene	6.98	146	137549	42.378	ng		98
14) 1,2-Dichlorobenzene	7.13	146	127291	42.792	ng		98
15) Benzyl Alcohol	7.10	79	97760	39.010	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	159909	41.449	ng		76
17) 2-Methylphenol	7.22	107	94536	40.300	ng	#	90
18) Hexachloroethane	7.47	117	39384	34.504	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	79457	38.623	ng		93
20) 3+4-Methylphenols	7.38	107	120843	48.909	ng		95
22) Acetophenone	7.37	105	155149	46.005	ng		98
24) Nitrobenzene	7.55	77	118982	42.965	ng		97
25) Isophorone	7.78	82	215343	45.054	ng		98
26) 2-Nitrophenol	7.86	139	48669	37.229	ng		95
27) 2,4-Dimethylphenol	7.90	122	99457	49.221	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	140632	43.822	ng		99
29) 2,4-Dichlorophenol	8.11	162	93465	44.182	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	112691	48.357	ng		98
31) Naphthalene	8.27	128	322332	45.737	ng		99
32) Benzoic acid	7.98	122	21657m	18.707	ng		
33) 4-Chloroaniline	8.31	127	20201	6.831	ng		98
34) Hexachlorobutadiene	8.37	225	76423	50.328	ng		97
35) Caprolactam	8.68	113	26036m	37.757	ng		
36) 4-Chloro-3-methylphenol	8.81	107	92671	41.619	ng		94
37) 2-Methylnaphthalene	8.95	142	227140	48.625	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	116176	50.253	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	10146	8.530	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62477	40.656	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	63005m	39.292	ng		
45) 1,1'-Biphenyl	9.42	154	267145	48.831	ng		97
46) 2-Chloronaphthalene	9.45	162	190223	44.173	ng		95
47) 2-Nitroaniline	9.55	65	55999	38.671	ng		99
48) Acenaphthylene	9.87	152	295608	43.479	ng		99
49) Dimethylphthalate	9.71	163	231676	44.998	ng		98
50) 2,6-Dinitrotoluene	9.78	165	48675	44.646	ng		91
51) Acenaphthene	10.04	154	175269	40.938	ng		97
52) 3-Nitroaniline	9.96	138	29760	23.721	ng		94
53) 2,4-Dinitrophenol	10.07	184	6615	16.242	ng	#	19
54) Dibenzofuran	10.21	168	271366	46.289	ng		97
55) 4-Nitrophenol	10.14	139	45929	52.448	ng		97
56) 2,4-Dinitrotoluene	10.19	165	59824	42.039	ng		91
57) Fluorene	10.55	166	204611	43.983	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	53111	41.667	ng	#	77
59) Diethylphthalate	10.41	149	212590	42.781	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	108228	44.464	ng	#	88
61) 4-Nitroaniline	10.58	138	49989	40.149	ng		92
62) Azobenzene	10.70	77	187472	38.310	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	8261	10.663	ng		76
65) n-Nitrosodiphenylamine	10.66	169	177500	42.105	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	71917	48.080	ng	#	80
67) Hexachlorobenzene	11.10	284	74313	47.468	ng	#	82
68) Atrazine	11.18	200	61292	45.735	ng		94
69) Pentachlorophenol	11.30	266	33346	42.688	ng		98
70) Phenanthrene	11.52	178	292993	48.468	ng		98
71) Anthracene	11.57	178	300617	48.720	ng		99
72) Carbazole	11.73	167	267558	46.315	ng		98
73) Di-n-butylphthalate	12.04	149	313074	46.002	ng		99
74) Fluoranthene	12.71	202	334409	50.190	ng		95
76) Benzidine	12.83	184	107899	32.866	ng		97
77) Pyrene	12.94	202	344500	45.319	ng		99
79) Butylbenzylphthalate	13.54	149	135595	43.385	ng	#	97
80) Benzo(a)anthracene	14.14	228	322477	45.900	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	71797	29.077	ng	#	95
82) Chrysene	14.17	228	296260	45.835	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	183634	45.958	ng		97
84) Di-n-octyl phthalate	14.72	149	323516	49.671	ng		95
85) Indeno(1,2,3-cd)pyrene	17.25	276	213435	38.911	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	232766m	43.589	ng		
88) Benzo(k)fluoranthene	15.25	252	238651m	46.930	ng		
89) Benzo(a)pyrene	15.61	252	223075	46.992	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	181075	45.008	ng	#	93
91) Benzo(g,h,i)perylene	17.73	276	178389	45.365	ng	#	88

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

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