Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106845.D
Acq On : 27 Jun 2018 2:02
Operator : JU/SJ
Sample : PB110563BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Manual Integrations APPROVED
Sohil
6/27/2018 2:14:34 PM

Quant Time: Jun 27 05:31:08 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	42007	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	155116	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	72079	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	134833	20.00	ng		0.00
75) Chrysene-d12	14.15	240	122223	20.00	ng		-0.02
86) Perylene-d12	15.68	264	88591	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	207782	83.76	ng		0.00
7) Phenol-d6	6.61	99	255669	82.53	ng		0.00
23) Nitrobenzene-d5	7.52	82	236096	84.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	68395	81.87	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	430659	104.52	ng		0.00
78) Terphenyl-d14	13.08	244	495466	98.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	41048	32.185	ng		98
3) Pyridine	3.64	79	117376	33.934	ng		96
4) n-Nitrosodimethylamine	3.61	42	47504	32.336	ng		83
6) Aniline	6.62	93	52769	12.557	ng	#	33
8) 2-Chlorophenol	6.75	128	108449	39.857	ng		96
9) Benzaldehyde	6.51	77	76693	35.354	ng		98
10) Phenol	6.62	94	130607	36.941	ng		91
11) bis(2-Chloroethyl)ether	6.70	93	109078	37.371	ng		96
12) 1,3-Dichlorobenzene	6.90	146	130952	41.092	ng		97
13) 1,4-Dichlorobenzene	6.98	146	130560	40.523	ng		97
14) 1,2-Dichlorobenzene	7.13	146	119871	40.597	ng		98
15) Benzyl Alcohol	7.10	79	91925	36.954	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	150824	39.385	ng		73
17) 2-Methylphenol	7.22	107	90119	38.703	ng	#	92
18) Hexachloroethane	7.47	117	35880	31.668	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	73853	36.165	ng		91
20) 3+4-Methylphenols	7.38	107	116990	47.185	ng		98
22) Acetophenone	7.37	105	149832	43.175	ng	#	99
24) Nitrobenzene	7.55	77	112535	39.490	ng		97
25) Isophorone	7.78	82	206206	41.925	ng		97
26) 2-Nitrophenol	7.86	139	43980	32.693	ng		96
27) 2,4-Dimethylphenol	7.90	122	95619	45.986	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	134880	40.843	ng		98
29) 2,4-Dichlorophenol	8.11	162	91221	41.905	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	107814	44.958	ng		97
31) Naphthalene	8.27	128	308641	42.559	ng		99
32) Benzoic acid	7.98	122	21453m	18.222	ng		
33) 4-Chloroaniline	8.31	127	23614	7.760	ng		99
34) Hexachlorobutadiene	8.37	225	72317	46.280	ng		98
35) Caprolactam	8.68	113	25762m	36.305	ng		
36) 4-Chloro-3-methylphenol	8.81	107	88644	38.687	ng		94
37) 2-Methylnaphthalene	8.96	142	220373	45.845	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	114465	47.156	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	8872	7.104	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	58845	36.470	ng		89
43) 2,4,5-Trichlorophenol	9.29	196	61582m	36.576	ng		
45) 1,1'-Biphenyl	9.42	154	262318	45.665	ng		98
46) 2-Chloronaphthalene	9.45	162	185486	41.022	ng		96
47) 2-Nitroaniline	9.55	65	55791	36.693	ng		96
48) Acenaphthylene	9.87	152	289167	40.507	ng		99
49) Dimethylphthalate	9.71	163	227183	42.024	ng		98
50) 2,6-Dinitrotoluene	9.78	165	46949	41.013	ng		94
51) Acenaphthene	10.04	154	172382	38.347	ng		97
52) 3-Nitroaniline	9.96	138	33435	25.382	ng		93
53) 2,4-Dinitrophenol	10.07	184	6521	15.576	ng	#	13
54) Dibenzofuran	10.21	168	264999	43.051	ng		97
55) 4-Nitrophenol	10.14	139	45993	50.020	ng		95
56) 2,4-Dinitrotoluene	10.19	165	59162	39.594	ng		90
57) Fluorene	10.55	166	202757	41.509	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	52059	38.897	ng	#	77
59) Diethylphthalate	10.41	149	209764	40.202	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	107837	42.194	ng	#	87
61) 4-Nitroaniline	10.58	138	50967	38.985	ng		92
62) Azobenzene	10.70	77	184757	35.958	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	7458	8.948	ng		82
65) n-Nitrosodiphenylamine	10.66	169	175087	38.607	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	71130	44.203	ng	#	80
67) Hexachlorobenzene	11.10	284	73556	43.674	ng	#	84
68) Atrazine	11.18	200	61042	42.339	ng		96
69) Pentachlorophenol	11.30	266	32223	38.344	ng		97
70) Phenanthrene	11.52	178	292065	44.911	ng		99
71) Anthracene	11.57	178	300808	45.317	ng		100
72) Carbazole	11.73	167	266823	42.934	ng		98
73) Di-n-butylphthalate	12.04	149	312785	42.721	ng		98
74) Fluoranthene	12.71	202	338878	47.277	ng		95
76) Benzidine	12.83	184	131587	37.803	ng		97
77) Pyrene	12.94	202	338182	41.959	ng		99
79) Butylbenzylphthalate	13.55	149	136605	41.223	ng	#	88
80) Benzo(a)anthracene	14.14	228	316662	42.510	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	81384	31.085	ng	#	96
82) Chrysene	14.17	228	290725m	42.422	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	181060	42.738	ng		97
84) Di-n-octyl phthalate	14.72	149	317599	45.991	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	210402	36.178	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	242874	44.133	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	235996m	45.031	ng		
89) Benzo(a)pyrene	15.61	252	217853	44.530	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	178082	42.951	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	174462	43.050	ng	#	89

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

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