Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
Data File : BF106815.D
Acq On : 26 Jun 2018 11:58
Operator : JU/SJ
Sample : PB110533BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Manual Integrations APPROVED
Sohil
6/27/2018 2:13:52 PM

Quant Time: Jun 26 14:27:48 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	48198	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	188216	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	102729	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	209907	20.00	ng		0.00
75) Chrysene-d12	14.15	240	152870	20.00	ng		-0.01
86) Perylene-d12	15.70	264	134563	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	287026	100.84	ng		0.01
7) Phenol-d6	6.61	99	361705	101.76	ng		0.00
23) Nitrobenzene-d5	7.52	82	231665	68.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	139096	116.82	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	459704	73.80	ng		0.00
78) Terphenyl-d14	13.08	244	572826	90.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	39680	27.116	ng		99
3) Pyridine	3.67	79	115943	29.214	ng		97
4) n-Nitrosodimethylamine	3.62	42	46482	27.576	ng		82
6) Aniline	6.62	93	82660	17.143	ng	#	22
8) 2-Chlorophenol	6.75	128	109496	35.073	ng		98
9) Benzaldehyde	6.51	77	73521	28.009	ng		99
10) Phenol	6.62	94	131089	32.315	ng		87
11) bis(2-Chloroethyl)ether	6.70	93	107829	32.198	ng		99
12) 1,3-Dichlorobenzene	6.90	146	126820	34.684	ng		98
13) 1,4-Dichlorobenzene	6.98	146	128866	34.860	ng		98
14) 1,2-Dichlorobenzene	7.13	146	119876	35.384	ng		98
15) Benzyl Alcohol	7.10	79	94943	33.265	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	152949	34.809	ng		78
17) 2-Methylphenol	7.22	107	93419	34.967	ng	#	93
18) Hexachloroethane	7.47	117	44036	33.874	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	75079	32.043	ng		94
20) 3+4-Methylphenols	7.37	107	117700	39.420	ng	#	73
22) Acetophenone	7.37	105	150423	35.723	ng	#	97
24) Nitrobenzene	7.54	77	117030	33.846	ng		98
25) Isophorone	7.78	82	216758	36.320	ng		98
26) 2-Nitrophenol	7.86	139	62511	38.296	ng		95
27) 2,4-Dimethylphenol	7.90	122	101097	40.070	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	137729	34.371	ng		98
29) 2,4-Dichlorophenol	8.11	162	103240	39.085	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	111069	38.171	ng		98
31) Naphthalene	8.27	128	322776	36.681	ng		100
32) Benzoic acid	8.03	122	65086	36.962	ng		96
33) 4-Chloroaniline	8.31	127	30902	8.369	ng		97
34) Hexachlorobutadiene	8.37	225	73495	38.763	ng		100
35) Caprolactam	8.70	113	29082m	33.776	ng		
36) 4-Chloro-3-methylphenol	8.81	107	104936	37.743	ng		98
37) 2-Methylnaphthalene	8.96	142	239788	41.111	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	124745	36.058	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	114321	64.227	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	76977	33.473	ng		92
43) 2,4,5-Trichlorophenol	9.24	196	76977	32.079	ng		89
45) 1,1'-Biphenyl	9.42	154	290795	35.519	ng		99
46) 2-Chloronaphthalene	9.45	162	214408	33.271	ng		97
47) 2-Nitroaniline	9.55	65	65691	30.314	ng		97
48) Acenaphthylene	9.87	152	345550	33.963	ng		99
49) Dimethylphthalate	9.72	163	259281	33.652	ng		99
50) 2,6-Dinitrotoluene	9.79	165	60664	37.183	ng	#	80
51) Acenaphthene	10.04	154	208396	32.527	ng		98
52) 3-Nitroaniline	9.96	138	32744	17.441	ng		95
53) 2,4-Dinitrophenol	10.07	184	57054	68.112	ng	#	19
54) Dibenzofuran	10.21	168	324830	37.026	ng		95
55) 4-Nitrophenol	10.14	139	70136	53.519	ng		96
56) 2,4-Dinitrotoluene	10.20	165	80644	37.868	ng		87
57) Fluorene	10.55	166	252551	36.277	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	74557	39.087	ng	#	79
59) Diethylphthalate	10.42	149	246646	33.167	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	133172	36.560	ng	#	81
61) 4-Nitroaniline	10.58	138	56086	30.101	ng		96
62) Azobenzene	10.70	77	234769	32.059	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	45288	34.903	ng	#	72
65) n-Nitrosodiphenylamine	10.66	169	220558	31.239	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	92422	36.893	ng	#	83
67) Hexachlorobenzene	11.10	284	96209	36.694	ng	#	86
68) Atrazine	11.19	200	79991	35.639	ng		94
69) Pentachlorophenol	11.30	266	82061	62.725	ng		98
70) Phenanthrene	11.52	178	377657	37.302	ng		99
71) Anthracene	11.58	178	386904	37.440	ng		100
72) Carbazole	11.73	167	328553	33.959	ng		98
73) Di-n-butylphthalate	12.04	149	390454	34.256	ng		98
74) Fluoranthene	12.71	202	405399	36.330	ng		96
76) Benzidine	12.83	184	87784	20.163	ng		98
77) Pyrene	12.95	202	402706	39.948	ng		99
79) Butylbenzylphthalate	13.55	149	150395	36.286	ng	#	92
80) Benzo(a)anthracene	14.14	228	336960	36.166	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	73275	22.377	ng	#	96
82) Chrysene	14.18	228	316547	36.930	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	195814	36.954	ng		98
84) Di-n-octyl phthalate	14.74	149	298216	34.526	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	333424	45.837	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	300999	36.009	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	258452	32.468	ng	#	96
89) Benzo(a)pyrene	15.64	252	272005	36.604	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	272617	43.289	ng	#	93
91) Benzo(g,h,i)perylene	17.77	276	284612	46.238	ng	#	89

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

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