Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106869.D
Acq On : 27 Jun 2018 14:05
Operator : JU/SJ
Sample : PB110604BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110604BS

Manual Integrations APPROVED
Sohil
6/28/2018 2:21:31 PM

Quant Time: Jun 27 14:38:27 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	6.95	152	55290	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	221110	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	121418	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	255602	20.00	ng		0.00
75) Chrysene-d12	14.15	240	187331	20.00	ng		-0.01
86) Perylene-d12	15.69	264	186627	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	346499	106.12	ng		0.00
7) Phenol-d6	6.61	99	442738	108.58	ng		0.00
23) Nitrobenzene-d5	7.52	82	285338	71.72	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	166596	118.38	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	544577	74.01	ng		-0.01
78) Terphenyl-d14	13.08	244	693043	89.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	47163	28.095	ng		98
3) Pyridine	3.64	79	139855	30.719	ng		98
4) n-Nitrosodimethylamine	3.61	42	58317	30.159	ng		85
6) Aniline	6.62	93	122602	22.166	ng	#	84
8) 2-Chlorophenol	6.75	128	134119	37.450	ng		94
9) Benzaldehyde	6.51	77	83163	27.525	ng		93
10) Phenol	6.62	94	160266	34.440	ng		84
11) bis(2-Chloroethyl)ether	6.69	93	130661	34.011	ng		100
12) 1,3-Dichlorobenzene	6.90	146	154323	36.792	ng		97
13) 1,4-Dichlorobenzene	6.97	146	153030	36.086	ng		99
14) 1,2-Dichlorobenzene	7.12	146	144114	37.082	ng		99
15) Benzyl Alcohol	7.10	79	116182	35.485	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	178535	35.420	ng		69
17) 2-Methylphenol	7.21	107	114377	37.320	ng	#	92
18) Hexachloroethane	7.47	117	52903	35.475	ng	#	84
19) n-Nitroso-di-n-propylamine	7.37	70	88954	33.095	ng		95
20) 3+4-Methylphenols	7.37	107	139431	41.145	ng	#	66
22) Acetophenone	7.37	105	180776	36.544	ng	#	95
24) Nitrobenzene	7.54	77	143188	35.250	ng		99
25) Isophorone	7.78	82	267143	38.103	ng		99
26) 2-Nitrophenol	7.85	139	78602	40.990	ng		99
27) 2,4-Dimethylphenol	7.90	122	125346	42.291	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	168244	35.740	ng		99
29) 2,4-Dichlorophenol	8.10	162	125593	40.474	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	137877	40.334	ng		97
31) Naphthalene	8.26	128	392902	38.007	ng		99
32) Benzoic acid	8.03	122	78051	37.612	ng		97
33) 4-Chloroaniline	8.31	127	39957	9.212	ng		100
34) Hexachlorobutadiene	8.37	225	89706	40.274	ng		97
35) Caprolactam	8.70	113	40282m	39.824	ng		
36) 4-Chloro-3-methylphenol	8.81	107	133651	40.920	ng		97
37) 2-Methylnaphthalene	8.95	142	291520	42.545	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	152252	37.235	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	122858	58.399	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	92951	34.198	ng		91
43) 2,4,5-Trichlorophenol	9.28	196	99021	34.914	ng		90
45) 1,1'-Biphenyl	9.42	154	351765	36.353	ng		98
46) 2-Chloronaphthalene	9.45	162	261116	34.282	ng		96
47) 2-Nitroaniline	9.55	65	81942	31.993	ng		99
48) Acenaphthylene	9.87	152	419226	34.862	ng		99
49) Dimethylphthalate	9.72	163	319806	35.118	ng		99
50) 2,6-Dinitrotoluene	9.78	165	75574	39.191	ng		92
51) Acenaphthene	10.04	154	251903	33.266	ng		98
52) 3-Nitroaniline	9.96	138	38470	17.337	ng		93
53) 2,4-Dinitrophenol	10.07	184	72443	72.774	ng	#	18
54) Dibenzofuran	10.21	168	391210	37.729	ng		97
55) 4-Nitrophenol	10.14	139	86493	55.842	ng		99
56) 2,4-Dinitrotoluene	10.20	165	103101	40.962	ng	#	85
57) Fluorene	10.55	166	310180	37.697	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	91015	40.370	ng	#	79
59) Diethylphthalate	10.41	149	297690	33.869	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	158624	36.845	ng	#	86
61) 4-Nitroaniline	10.58	138	75466	34.268	ng		94
62) Azobenzene	10.70	77	282074	32.590	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	58663	37.129	ng	#	73
65) n-Nitrosodiphenylamine	10.66	169	272809	31.732	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	112884	37.005	ng	#	80
67) Hexachlorobenzene	11.10	284	120538	37.754	ng	#	81
68) Atrazine	11.19	200	103425	37.842	ng		94
69) Pentachlorophenol	11.30	266	98308	61.710	ng		99
70) Phenanthrene	11.52	178	470419	38.158	ng		99
71) Anthracene	11.57	178	479936	38.140	ng		99
72) Carbazole	11.73	167	430446	36.537	ng		98
73) Di-n-butylphthalate	12.04	149	477942	34.436	ng		100
74) Fluoranthene	12.71	202	509011	37.460	ng		95
76) Benzidine	12.83	184	198913	37.284	ng		97
77) Pyrene	12.94	202	507056	41.047	ng		100
79) Butylbenzylphthalate	13.55	149	191117	37.629	ng	#	88
80) Benzo(a)anthracene	14.14	228	428515	37.532	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	65756	16.387	ng	#	95
82) Chrysene	14.18	228	396582	37.756	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	236224	36.379	ng	#	97
84) Di-n-octyl phthalate	14.74	149	362056	34.206	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	447202	50.169	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	414761	35.776	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	375871	34.046	ng	#	95
89) Benzo(a)pyrene	15.63	252	391549	37.992	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	366784	41.994	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	379146	44.412	ng	#	89

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

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