Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
Data File : BF099709.D
Acq On : 20 Oct 2017 19:06
Operator : SJ/JU
Sample : PB103469BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 22 00:28:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Manual Integrations APPROVED
Sohil
10/23/2017 3:26:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82656	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	327507	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	134722	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	192228	20.00	ng		0.00
75) Chrysene-d12	13.98	240	148452	20.00	ng		0.00
86) Perylene-d12	15.44	264	149786	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	567571	109.31	ng		0.00
7) Phenol-d6	6.46	99	662486	103.43	ng		0.00
23) Nitrobenzene-d5	7.38	82	386021	75.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	111517	101.16	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	752042	93.19	ng		0.00
78) Terphenyl-d14	12.92	244	459163	70.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	63413	25.567	ng		91
3) Pyridine	3.40	79	161039	24.001	ng	#	85
4) n-Nitrosodimethylamine	3.34	42	66572	23.398	ng	#	75
6) Aniline	6.48	93	164273	19.002	ng		91
8) 2-Chlorophenol	6.60	128	190317	32.367	ng		92
9) Benzaldehyde	6.37	77	44860	12.074	ng		90
10) Phenol	6.47	94	228738	31.931	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	172700	31.011	ng		94
12) 1,3-Dichlorobenzene	6.75	146	201419	32.708	ng		97
13) 1,4-Dichlorobenzene	6.83	146	206142	32.902	ng		97
14) 1,2-Dichlorobenzene	6.98	146	190622	32.927	ng		98
15) Benzyl Alcohol	6.96	79	137674	29.299	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	225467	25.986	ng		81
17) 2-Methylphenol	7.07	107	154556	32.124	ng		97
18) Hexachloroethane	7.32	117	65598	29.128	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	115174	28.163	ng		91
20) 3+4-Methylphenols	7.23	107	190549	31.307	ng	#	68
22) Acetophenone	7.23	105	247974	31.251	ng	#	98
24) Nitrobenzene	7.40	77	179284	30.948	ng		98
25) Isophorone	7.63	82	329856	31.241	ng		98
26) 2-Nitrophenol	7.72	139	98910	35.505	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	164732	31.312	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	217096	32.994	ng		99
29) 2,4-Dichlorophenol	7.96	162	154640	34.235	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	159739	35.359	ng		97
31) Naphthalene	8.12	128	523415	34.028	ng		99
32) Benzoic acid	7.88	122	85922	19.882	ng		95
33) 4-Chloroaniline	8.17	127	87160	13.569	ng	#	92
34) Hexachlorobutadiene	8.23	225	78981	33.942	ng		100
35) Caprolactam	8.54	113	48275	33.318	ng	#	80
36) 4-Chloro-3-methylphenol	8.66	107	154831	30.496	ng		98
37) 2-Methylnaphthalene	8.81	142	354136	35.416	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	143522	35.722	ng	#	98
40) Hexachlorocyclopentadiene	8.95	237	12885	7.018	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	95743	33.637	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	99920	35.166	ng	#	93
45) 1,1'-Biphenyl	9.27	154	411383	35.530	ng		98
46) 2-Chloronaphthalene	9.30	162	310345	35.699	ng		97
47) 2-Nitroaniline	9.40	65	82987	31.176	ng	#	82
48) Acenaphthylene	9.71	152	454090	34.121	ng		100
49) Dimethylphthalate	9.57	163	369847	36.373	ng		99
50) 2,6-Dinitrotoluene	9.64	165	79513	35.919	ng		88
51) Acenaphthene	9.88	154	266630	31.628	ng		99
52) 3-Nitroaniline	9.82	138	61197	23.709	ng	#	81
53) 2,4-Dinitrophenol	9.93	184	12711	16.054	ng		90
54) Dibenzofuran	10.06	168	391954	34.920	ng		97
55) 4-Nitrophenol	9.99	139	95041	43.546	ng		83
56) 2,4-Dinitrotoluene	10.05	165	92653	32.250	ng	#	93
57) Fluorene	10.40	166	302411	33.521	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	64380	32.800	ng		96
59) Diethylphthalate	10.27	149	339435	34.163	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	142366	35.130	ng		95
61) 4-Nitroaniline	10.43	138	65109	26.146	ng		85
62) Azobenzene	10.55	77	275734	30.182	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	13957	11.933	ng		87
65) n-Nitrosodiphenylamine	10.51	169	272950	40.987	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	75963	40.372	ng		96
67) Hexachlorobenzene	10.94	284	71857	35.756	ng		97
68) Atrazine	11.03	200	79366	39.612	ng		99
69) Pentachlorophenol	11.14	266	54465	43.547	ng		95
70) Phenanthrene	11.36	178	371940	36.148	ng		98
71) Anthracene	11.42	178	380231	36.116	ng		98
72) Carbazole	11.57	167	343285	33.297	ng		98
73) Di-n-butylphthalate	11.89	149	445601	35.908	ng		98
74) Fluoranthene	12.55	202	340699	32.699	ng		98
76) Benzidine	12.67	184	238873	43.505	ng		98
77) Pyrene	12.78	202	351121	31.018	ng		98
79) Butylbenzylphthalate	13.39	149	163034	30.645	ng		90
80) Benzo(a)anthracene	13.97	228	312997	34.819	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	107196	32.530	ng		100
82) Chrysene	14.00	228	303544	35.469	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	225016	30.717	ng		98
84) Di-n-octyl phthalate	14.55	149	408564	34.637	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.91	276	275883	40.299	ng		97
87) Benzo(b)fluoranthene	15.02	252	309227m	33.577	ng		
88) Benzo(k)fluoranthene	15.04	252	315325	34.666	ng		98
89) Benzo(a)pyrene	15.38	252	299278	35.402	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	233673	34.540	ng		98
91) Benzo(g,h,i)perylene	17.35	276	222196	33.226	ng		96

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

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