Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097874.D
Acq On : 19 Aug 2017 13:07
Operator : SJ/JU
Sample : PB101621BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101621BS

Manual Integrations APPROVED
Sohil
8/21/2017 5:19:46 PM

Quant Time: Aug 21 04:07:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132784	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	557852	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	268321	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	543299	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	374745	20.00	ng		-0.02
86) Perylene-d12	15.33	264	267227	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1112799	127.47	ng		0.00
7) Phenol-d6	6.40	99	1529036	128.91	ng		0.00
23) Nitrobenzene-d5	7.33	82	989484	96.36	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	341732	146.78	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1536090	84.11	ng		-0.02
78) Terphenyl-d14	12.87	244	1394941	77.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	171906	35.310	ng		93
3) Pyridine	3.25	79	512298	38.064	ng		87
4) n-Nitrosodimethylamine	3.21	42	208032	40.171	ng		82
6) Aniline	6.43	93	518673	31.128	ng		98
8) 2-Chlorophenol	6.55	128	398627	43.299	ng		97
9) Benzaldehyde	6.31	77	164424	21.886	ng		89
10) Phenol	6.42	94	562777	40.569	ng		98
11) bis(2-Chloroethyl)ether	6.50	93	439307	41.958	ng		95
12) 1,3-Dichlorobenzene	6.70	146	389985	39.381	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	394320	39.152	ng		94
14) 1,2-Dichlorobenzene	6.93	146	363911	39.187	ng		99
15) Benzyl Alcohol	6.90	79	404522	45.553	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	597234	42.395	ng		91
17) 2-Methylphenol	7.02	107	374094	46.110	ng		95
18) Hexachloroethane	7.27	117	163909	41.510	ng	#	81
19) n-Nitroso-di-n-propylamine	7.19	70	335037	41.263	ng		89
20) 3+4-Methylphenols	7.17	107	435960	43.996	ng		96
22) Acetophenone	7.17	105	585110	39.703	ng	#	92
24) Nitrobenzene	7.35	77	520846	45.553	ng		92
25) Isophorone	7.59	82	991853	46.451	ng		97
26) 2-Nitrophenol	7.66	139	211245	50.668	ng	#	79
27) 2,4-Dimethylphenol	7.70	122	392161	44.037	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	606510	43.205	ng		98
29) 2,4-Dichlorophenol	7.90	162	345400	46.725	ng		93
30) 1,2,4-Trichlorobenzene	7.99	180	329893	40.257	ng		99
31) Naphthalene	8.07	128	1161442	40.104	ng		99
32) Benzoic acid	7.83	122	219605	35.734	ng		90
33) 4-Chloroaniline	8.12	127	325541	26.653	ng		99
34) Hexachlorobutadiene	8.19	225	190424	39.799	ng		98
35) Caprolactam	8.50	113	127302m	50.656	ng		
36) 4-Chloro-3-methylphenol	8.60	107	438321	46.151	ng	#	79
37) 2-Methylnaphthalene	8.76	142	790766	44.536	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	309983	37.644	ng	#	97
40) Hexachlorocyclopentadiene	8.91	237	369750	93.465	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	248353	44.922	ng		96
43) 2,4,5-Trichlorophenol	9.08	196	260521	47.499	ng		96
45) 1,1'-Biphenyl	9.22	154	949790	38.817	ng		96
46) 2-Chloronaphthalene	9.25	162	698491	38.635	ng	#	91
47) 2-Nitroaniline	9.35	65	297295	49.052	ng		97
48) Acenaphthylene	9.66	152	1171145	41.251	ng		100
49) Dimethylphthalate	9.53	163	905369	46.161	ng		99
50) 2,6-Dinitrotoluene	9.59	165	193705	49.477	ng	#	49
51) Acenaphthene	9.83	154	700892	39.144	ng		99
52) 3-Nitroaniline	9.76	138	169851	33.626	ng		90
53) 2,4-Dinitrophenol	9.86	184	153588	82.158	ng	#	77
54) Dibenzofuran	10.00	168	1057350	44.061	ng		99
55) 4-Nitrophenol	9.93	139	360634	89.501	ng	#	49
56) 2,4-Dinitrotoluene	9.99	165	255880	52.080	ng	#	51
57) Fluorene	10.35	166	769088	41.452	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.12	232	216051	50.878	ng		95
59) Diethylphthalate	10.23	149	954578	46.541	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	362595	42.067	ng		91
61) 4-Nitroaniline	10.37	138	222713	46.391	ng	#	69
62) Azobenzene	10.50	77	1128788	46.331	ng		95
64) 4,6-Dinitro-2-methylphenol	10.40	198	112065	44.505	ng		90
65) n-Nitrosodiphenylamine	10.46	169	748412	40.453	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	243337	43.131	ng		100
67) Hexachlorobenzene	10.89	284	231202	40.206	ng	#	85
68) Atrazine	10.99	200	234040	47.700	ng		98
69) Pentachlorophenol	11.09	266	252245	75.233	ng		98
70) Phenanthrene	11.31	178	1156376	39.943	ng		100
71) Anthracene	11.36	178	1210100	41.210	ng		99
72) Carbazole	11.52	167	1134954	40.719	ng		98
73) Di-n-butylphthalate	11.85	149	1504025	46.847	ng		99
74) Fluoranthene	12.49	202	1245434	41.215	ng		99
76) Benzidine	12.61	184	320480m	26.083	ng		
77) Pyrene	12.72	202	1271714	41.492	ng		99
79) Butylbenzylphthalate	13.34	149	628704	53.501	ng	#	70
80) Benzo(a)anthracene	13.90	228	899512	40.050	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	263783	34.805	ng	#	96
82) Chrysene	13.94	228	925184	41.409	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	726955	55.827	ng	#	99
84) Di-n-octyl phthalate	14.51	149	1326857	58.562	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	691983	42.102	ng		94
87) Benzo(b)fluoranthene	14.93	252	736810	43.743	ng		98
88) Benzo(k)fluoranthene	14.96	252	693741	43.838	ng	#	94
89) Benzo(a)pyrene	15.27	252	667714	44.778	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	572781	47.182	ng		98
91) Benzo(g,h,i)perylene	17.14	276	590164	46.591	ng	#	92

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

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