Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098037.D
Acq On : 25 Aug 2017 18:24
Operator : SJ/JU
Sample : PB101833BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101833BS

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:24 PM

Quant Time: Aug 25 23:53:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	132189	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	533907	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	241908	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	471051	20.00	ng		0.00
75) Chrysene-d12	13.89	240	329569	20.00	ng		0.00
86) Perylene-d12	15.30	264	257935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1117072	128.54	ng		0.01
7) Phenol-d6	6.39	99	1525751	129.21	ng		0.00
23) Nitrobenzene-d5	7.31	82	951542	96.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	291534	138.90	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1398135	84.91	ng		0.00
78) Terphenyl-d14	12.84	244	1212230	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	174838	36.074	ng		90
3) Pyridine	3.21	79	503097	37.549	ng		86
4) n-Nitrosodimethylamine	3.17	42	200404	38.872	ng	#	75
6) Aniline	6.40	93	472469	28.483	ng	#	90
8) 2-Chlorophenol	6.53	128	383360	41.828	ng		96
9) Benzaldehyde	6.29	77	201317	26.917	ng		89
10) Phenol	6.40	94	549100	39.761	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	419394	40.236	ng		93
12) 1,3-Dichlorobenzene	6.68	146	381316	38.679	ng	#	93
13) 1,4-Dichlorobenzene	6.76	146	386360	38.534	ng		93
14) 1,2-Dichlorobenzene	6.91	146	356436	38.554	ng		100
15) Benzyl Alcohol	6.89	79	377873	42.744	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	553774	39.487	ng		91
17) 2-Methylphenol	7.00	107	354829	43.933	ng		95
18) Hexachloroethane	7.25	117	158703	40.372	ng	#	80
19) n-Nitroso-di-n-propylamine	7.16	70	310480	38.411	ng		90
20) 3+4-Methylphenols	7.16	107	416406	42.211	ng		96
22) Acetophenone	7.15	105	553700	39.257	ng	#	91
24) Nitrobenzene	7.33	77	489319	44.715	ng		94
25) Isophorone	7.57	82	885332	43.322	ng		97
26) 2-Nitrophenol	7.64	139	198636	49.872	ng	#	75
27) 2,4-Dimethylphenol	7.68	122	364164	42.727	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	546692	40.690	ng		99
29) 2,4-Dichlorophenol	7.89	162	310884	43.942	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	311076	39.663	ng		99
31) Naphthalene	8.05	128	1110781	40.075	ng		100
32) Benzoic acid	7.82	122	209995	35.709	ng		90
33) 4-Chloroaniline	8.09	127	271122	23.193	ng		98
34) Hexachlorobutadiene	8.16	225	177610	38.786	ng		97
35) Caprolactam	8.47	113	117438m	48.827	ng		
36) 4-Chloro-3-methylphenol	8.59	107	384852	42.338	ng	#	82
37) 2-Methylnaphthalene	8.74	142	722820	42.535	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	282686	38.077	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	327942	91.948	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	215527	43.241	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	219654	44.421	ng		96
45) 1,1'-Biphenyl	9.20	154	840902	38.119	ng		97
46) 2-Chloronaphthalene	9.23	162	627341	38.489	ng		93
47) 2-Nitroaniline	9.32	65	258881	47.377	ng		94
48) Acenaphthylene	9.64	152	1036939	40.512	ng		100
49) Dimethylphthalate	9.51	163	754721	42.681	ng		99
50) 2,6-Dinitrotoluene	9.57	165	164205	46.522	ng	#	66
51) Acenaphthene	9.81	154	610047	37.790	ng		99
52) 3-Nitroaniline	9.73	138	127854	28.076	ng		87
53) 2,4-Dinitrophenol	9.85	184	117900	71.460	ng	#	72
54) Dibenzofuran	9.99	168	912003	42.154	ng		98
55) 4-Nitrophenol	9.90	139	302518	83.276	ng	#	40
56) 2,4-Dinitrotoluene	9.97	165	219259	49.499	ng	#	48
57) Fluorene	10.33	166	675455	40.381	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	182458	47.659	ng		94
59) Diethylphthalate	10.20	149	761261	41.168	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	312667	40.235	ng		90
61) 4-Nitroaniline	10.35	138	188473	43.545	ng	#	69
62) Azobenzene	10.48	77	926924	42.200	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	90969	42.198	ng	#	72
65) n-Nitrosodiphenylamine	10.44	169	634903	39.581	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	197095	40.293	ng		99
67) Hexachlorobenzene	10.87	284	193071	38.724	ng	#	83
68) Atrazine	10.97	200	189819	44.621	ng		98
69) Pentachlorophenol	11.07	266	210303	72.344	ng		100
70) Phenanthrene	11.29	178	1007197	40.126	ng		99
71) Anthracene	11.34	178	1041325	40.902	ng		99
72) Carbazole	11.49	167	992976	41.089	ng		98
73) Di-n-butylphthalate	11.82	149	1169325	42.008	ng		99
74) Fluoranthene	12.47	202	1070429	40.857	ng		99
76) Benzidine	12.59	184	437020	40.443	ng	#	92
77) Pyrene	12.70	202	1097758	40.726	ng		99
79) Butylbenzylphthalate	13.32	149	494851	47.883	ng	#	78
80) Benzo(a)anthracene	13.88	228	770537	39.010	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	190735	28.616	ng	#	96
82) Chrysene	13.92	228	779966	39.695	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	553364	48.321	ng	#	98
84) Di-n-octyl phthalate	14.49	149	989430	49.656	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	654450	45.276	ng		94
87) Benzo(b)fluoranthene	14.90	252	663564	40.813	ng		98
88) Benzo(k)fluoranthene	14.93	252	620933	40.651	ng	#	93
89) Benzo(a)pyrene	15.25	252	623379	43.311	ng		97
90) Dibenzo(a,h)anthracene	16.70	278	528469	45.100	ng		98
91) Benzo(g,h,i)perylene	17.10	276	563501	46.088	ng	#	93

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

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