Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097749.D
Acq On : 16 Aug 2017 20:04
Operator : SJ/JU
Sample : PB101564BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:49 PM

Quant Time: Aug 17 05:51:55 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	6.78	152	144164	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	570509	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	234008	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	359085	20.00	ng		0.00
75) Chrysene-d12	13.94	240	268712	20.00	ng		0.00
86) Perylene-d12	15.37	264	244231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1214918	128.19	ng		0.02
7) Phenol-d6	6.42	99	1654321	128.47	ng		0.01
23) Nitrobenzene-d5	7.35	82	996981	94.93	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	252247	124.24	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1487826	93.41	ng		0.00
78) Terphenyl-d14	12.89	244	901820	69.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	194099	36.722	ng		90
3) Pyridine	3.29	79	562517	38.496	ng		87
4) n-Nitrosodimethylamine	3.25	42	210987	37.526	ng	#	70
6) Aniline	6.45	93	449998	24.875	ng		97
8) 2-Chlorophenol	6.57	128	430090	43.029	ng		95
9) Benzaldehyde	6.33	77	168976	20.716	ng		87
10) Phenol	6.43	94	613373	40.726	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	483922	42.571	ng		98
12) 1,3-Dichlorobenzene	6.72	146	428556m	39.860	ng		
13) 1,4-Dichlorobenzene	6.80	146	441800	40.403	ng	#	92
14) 1,2-Dichlorobenzene	6.96	146	408222	40.488	ng		98
15) Benzyl Alcohol	6.93	79	426488	44.236	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	636394	41.609	ng		91
17) 2-Methylphenol	7.04	107	389902	44.265	ng		96
18) Hexachloroethane	7.30	117	160121	37.350	ng	#	85
19) n-Nitroso-di-n-propylamine	7.20	70	355006	40.271	ng		89
20) 3+4-Methylphenols	7.19	107	467901	43.492	ng		98
22) Acetophenone	7.20	105	628722	41.716	ng	#	86
24) Nitrobenzene	7.37	77	532735	45.560	ng		94
25) Isophorone	7.61	82	967384	44.300	ng		97
26) 2-Nitrophenol	7.68	139	192294	45.677	ng	#	79
27) 2,4-Dimethylphenol	7.72	122	396539	43.541	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	615143	42.848	ng		99
29) 2,4-Dichlorophenol	7.92	162	331481	43.847	ng		91
30) 1,2,4-Trichlorobenzene	8.01	180	340144	40.587	ng		97
31) Naphthalene	8.09	128	1206193	40.725	ng		99
32) Benzoic acid	7.85	122	255238	39.737	ng		91
33) 4-Chloroaniline	8.13	127	213606	17.101	ng		99
34) Hexachlorobutadiene	8.20	225	198362	40.538	ng		98
35) Caprolactam	8.51	113	115518m	44.947	ng		
36) 4-Chloro-3-methylphenol	8.62	107	396482	40.819	ng	#	80
37) 2-Methylnaphthalene	8.78	142	776689	42.773	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	316476	44.067	ng		99
40) Hexachlorocyclopentadiene	8.93	237	144374	41.846	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	217962	45.206	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	217140	45.395	ng		97
45) 1,1'-Biphenyl	9.25	154	911848	42.731	ng		96
46) 2-Chloronaphthalene	9.27	162	651380	41.313	ng	#	92
47) 2-Nitroaniline	9.36	65	242557	45.888	ng		95
48) Acenaphthylene	9.69	152	1032970	41.719	ng		99
49) Dimethylphthalate	9.55	163	794323	46.437	ng		99
50) 2,6-Dinitrotoluene	9.61	165	158443	46.405	ng	#	74
51) Acenaphthene	9.86	154	623122	39.903	ng		99
52) 3-Nitroaniline	9.77	138	114658	26.028	ng	#	77
53) 2,4-Dinitrophenol	9.87	184	36091	29.546	ng	#	78
54) Dibenzofuran	10.03	168	901265	43.064	ng		99
55) 4-Nitrophenol	9.93	139	247973	70.565	ng	#	42
56) 2,4-Dinitrotoluene	10.01	165	191452	44.680	ng	#	59
57) Fluorene	10.37	166	642020	39.678	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	166213	44.881	ng		93
59) Diethylphthalate	10.25	149	796269	44.515	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	319200	42.463	ng		88
61) 4-Nitroaniline	10.39	138	140050	33.450	ng		77
62) Azobenzene	10.52	77	877003	41.275	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	26477	21.256	ng		90
65) n-Nitrosodiphenylamine	10.48	169	606452	49.596	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	182635	48.979	ng		99
67) Hexachlorobenzene	10.92	284	165085	43.435	ng	#	91
68) Atrazine	11.01	200	167351	51.606	ng		98
69) Pentachlorophenol	11.11	266	176699	79.737	ng		98
70) Phenanthrene	11.33	178	805847	42.115	ng		100
71) Anthracene	11.38	178	823615	42.438	ng		99
72) Carbazole	11.53	167	740656	40.205	ng		98
73) Di-n-butylphthalate	11.87	149	1061492	50.024	ng		100
74) Fluoranthene	12.52	202	765410	38.324	ng		99
76) Benzidine	12.64	184	475470	53.967	ng	#	92
77) Pyrene	12.74	202	781045	35.538	ng		98
79) Butylbenzylphthalate	13.37	149	373400	44.314	ng	#	77
80) Benzo(a)anthracene	13.93	228	658204	40.870	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	249769	45.960	ng	#	97
82) Chrysene	13.96	228	655995	40.947	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	474790	50.849	ng	#	99
84) Di-n-octyl phthalate	14.54	149	918268	56.521	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	511012	43.360	ng		96
87) Benzo(b)fluoranthene	14.96	252	682454	44.331	ng		98
88) Benzo(k)fluoranthene	14.99	252	611155	42.255	ng		96
89) Benzo(a)pyrene	15.31	252	605946	44.462	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	437439	39.426	ng		98
91) Benzo(g,h,i)perylene	17.19	276	405137	34.995	ng		94

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

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