Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097898.D
Acq On : 21 Aug 2017 11:23
Operator : SJ/JU
Sample : PB101660BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101660BS

Manual Integrations APPROVED
Sohil
8/22/2017 5:43:41 PM

Quant Time: Aug 22 01:28:52 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	6.75	152	118364	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	471973	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	217073	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	431993	20.00	ng		0.00
75) Chrysene-d12	13.90	240	309374	20.00	ng		0.00
86) Perylene-d12	15.31	264	245967	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1002508	128.83	ng		0.02
7) Phenol-d6	6.39	99	1371762	129.74	ng		0.00
23) Nitrobenzene-d5	7.32	82	875070	100.72	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	283711	150.63	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1323884	89.60	ng		0.00
78) Terphenyl-d14	12.85	244	1211633	81.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	153551	35.383	ng		90
3) Pyridine	3.20	79	456099	38.017	ng		89
4) n-Nitrosodimethylamine	3.16	42	185879	40.266	ng		81
6) Aniline	6.41	93	496530	33.430	ng		98
8) 2-Chlorophenol	6.53	128	354391	43.184	ng		96
9) Benzaldehyde	6.29	77	132734	19.820	ng		85
10) Phenol	6.40	94	513812	41.552	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	389035	41.683	ng		94
12) 1,3-Dichlorobenzene	6.69	146	349362	39.577	ng	#	92
13) 1,4-Dichlorobenzene	6.76	146	354781	39.517	ng	#	92
14) 1,2-Dichlorobenzene	6.92	146	328257	39.654	ng		99
15) Benzyl Alcohol	6.89	79	358857	45.334	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	523595	41.696	ng		91
17) 2-Methylphenol	7.00	107	327837	45.332	ng		95
18) Hexachloroethane	7.26	117	144722	41.116	ng	#	78
19) n-Nitroso-di-n-propylamine	7.17	70	290957	40.200	ng		90
20) 3+4-Methylphenols	7.16	107	386342	43.738	ng		98
22) Acetophenone	7.16	105	518942	41.621	ng	#	90
24) Nitrobenzene	7.33	77	455049	47.040	ng		95
25) Isophorone	7.57	82	841827	46.599	ng		96
26) 2-Nitrophenol	7.65	139	183775	51.951	ng	#	75
27) 2,4-Dimethylphenol	7.69	122	339947	45.120	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	512848	43.180	ng		98
29) 2,4-Dichlorophenol	7.89	162	290932	46.518	ng		90
30) 1,2,4-Trichlorobenzene	7.97	180	285033	41.111	ng		98
31) Naphthalene	8.05	128	1018259	41.557	ng		100
32) Benzoic acid	7.82	122	246361	45.295	ng		88
33) 4-Chloroaniline	8.10	127	339737	32.877	ng		99
34) Hexachlorobutadiene	8.17	225	165667	40.925	ng		98
35) Caprolactam	8.48	113	108361m	50.965	ng		
36) 4-Chloro-3-methylphenol	8.59	107	369816	46.023	ng	#	77
37) 2-Methylnaphthalene	8.75	142	676527	45.035	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	265119	39.796	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	331306	103.519	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	207645	46.426	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	211310	47.623	ng		95
45) 1,1'-Biphenyl	9.21	154	808246	40.831	ng		97
46) 2-Chloronaphthalene	9.23	162	600053	41.026	ng	#	93
47) 2-Nitroaniline	9.33	65	252302	51.456	ng		93
48) Acenaphthylene	9.65	152	996580	43.390	ng		99
49) Dimethylphthalate	9.52	163	736940	46.444	ng		99
50) 2,6-Dinitrotoluene	9.57	165	159809	50.456	ng	#	66
51) Acenaphthene	9.82	154	600517	41.456	ng		99
52) 3-Nitroaniline	9.74	138	153706	37.614	ng		89
53) 2,4-Dinitrophenol	9.85	184	171798	109.714	ng	#	76
54) Dibenzofuran	9.99	168	887184	45.698	ng		100
55) 4-Nitrophenol	9.90	139	305540	93.730	ng	#	35
56) 2,4-Dinitrotoluene	9.97	165	212887	53.559	ng	#	49
57) Fluorene	10.33	166	656675	43.749	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	180032	52.405	ng		95
59) Diethylphthalate	10.22	149	779490	46.976	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	302995	43.452	ng	#	86
61) 4-Nitroaniline	10.36	138	184768	47.573	ng	#	71
62) Azobenzene	10.49	77	937786	47.579	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	110204	53.072	ng		87
65) n-Nitrosodiphenylamine	10.44	169	629186	42.771	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	196190	43.734	ng		93
67) Hexachlorobenzene	10.87	284	191101	41.795	ng	#	84
68) Atrazine	10.97	200	188288	48.263	ng		98
69) Pentachlorophenol	11.07	266	226005	84.774	ng		98
70) Phenanthrene	11.29	178	991463	43.070	ng		99
71) Anthracene	11.34	178	1014898	43.468	ng		99
72) Carbazole	11.50	167	967317	43.647	ng		99
73) Di-n-butylphthalate	11.83	149	1234676	48.366	ng		99
74) Fluoranthene	12.47	202	1070457	44.552	ng		99
76) Benzidine	12.59	184	285447	28.140	ng	#	91
77) Pyrene	12.70	202	1095442	43.293	ng		99
79) Butylbenzylphthalate	13.33	149	529515	54.582	ng	#	73
80) Benzo(a)anthracene	13.89	228	789776	42.594	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	255227	40.792	ng	#	95
82) Chrysene	13.93	228	801637	43.461	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	605104	56.288	ng	#	100
84) Di-n-octyl phthalate	14.50	149	1111980	59.449	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	678734	50.021	ng		93
87) Benzo(b)fluoranthene	14.91	252	691026	44.571	ng		98
88) Benzo(k)fluoranthene	14.94	252	637401	43.759	ng	#	93
89) Benzo(a)pyrene	15.26	252	634262	46.211	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	560580	50.168	ng		98
91) Benzo(g,h,i)perylene	17.10	276	582427	49.954	ng	#	93

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

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