Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101857.D
Acq On : 3 Jan 2018 14:02
Operator : SJ/JU
Sample : PB105431BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105431BS

Manual Integrations APPROVED
Sohil
1/4/2018 1:56:18 PM

Quant Time: Jan 04 02:44:27 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	132313	20.00 ng		-0.01
21) Naphthalene-d8	8.05	136	531056	20.00 ng		-0.02
38) Acenaphthene-d10	9.80	164	231555	20.00 ng		-0.02
63) Phenanthrene-d10	11.30	188	395700	20.00 ng		-0.02
75) Chrysene-d12	13.95	240	240115	20.00 ng		-0.02
86) Perylene-d12	15.42	264	254322	20.00 ng		-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1161968	130.81 ng		0.00
7) Phenol-d6	6.43	99	1269728	114.86 ng		0.00
23) Nitrobenzene-d5	7.35	82	838059	87.85 ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	282012	126.39 ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1329300	89.05 ng		-0.01
78) Terphenyl-d14	12.88	244	1092826	109.72 ng		-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	179816	39.397 ng		96
3) Pyridine	3.32	79	450061m	35.491 ng		
4) n-Nitrosodimethylamine	3.28	42	213080	36.494 ng		98
6) Aniline	6.45	93	182767	11.897 ng	#	67
8) 2-Chlorophenol	6.56	128	391382	41.886 ng		99
9) Benzaldehyde	6.35	77	122563	15.012 ng		97
10) Phenol	6.44	94	468773	37.205 ng		98
11) bis(2-Chloroethyl)ether	6.51	93	392713	39.735 ng		95
12) 1,3-Dichlorobenzene	6.71	146	443925	42.095 ng		98
13) 1,4-Dichlorobenzene	6.79	146	459435	42.662 ng		98
14) 1,2-Dichlorobenzene	6.94	146	388589	40.088 ng		97
15) Benzyl Alcohol	6.93	79	303889	39.938 ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	667232	44.112 ng	#	43
17) 2-Methylphenol	7.04	107	322975	37.577 ng	#	86
18) Hexachloroethane	7.27	117	157268	42.003 ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	280725	38.668 ng		92
20) 3+4-Methylphenols	7.20	107	447792	49.165 ng		96
22) Acetophenone	7.19	105	551407	45.505 ng	#	97
24) Nitrobenzene	7.36	77	432775	40.988 ng		100
25) Isophorone	7.60	82	799545	41.778 ng		97
26) 2-Nitrophenol	7.68	139	224299	49.447 ng		95
27) 2,4-Dimethylphenol	7.72	122	351407	45.600 ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	503328	41.403 ng		98
29) 2,4-Dichlorophenol	7.93	162	350002	45.972 ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	334963	41.691 ng		98
31) Naphthalene	8.07	128	1103702	41.283 ng		100
32) Benzoic acid	7.90	122	208342	41.430 ng		96
33) 4-Chloroaniline	8.16	127	61308	5.276 ng		98
34) Hexachlorobutadiene	8.17	225	197858	42.579 ng		98
35) Caprolactam	8.52	113	105308m	39.835 ng		
36) 4-Chloro-3-methylphenol	8.64	107	340115	40.645 ng		95
37) 2-Methylnaphthalene	8.76	142	718889	41.271 ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	350984	44.895 ng		97
40) Hexachlorocyclopentadiene	8.90	237	66705	51.959 ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	204999	43.556	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	183285	35.566	ng		98
45) 1,1'-Biphenyl	9.23	154	880186	42.862	ng		99
46) 2-Chloronaphthalene	9.26	162	665106	42.329	ng		98
47) 2-Nitroaniline	9.37	65	215488	39.699	ng		93
48) Acenaphthylene	9.67	152	963636	38.828	ng		100
49) Dimethylphthalate	9.53	163	726849	39.025	ng		99
50) 2,6-Dinitrotoluene	9.61	165	156897	41.447	ng	#	83
51) Acenaphthene	9.84	154	586114	39.308	ng		100
52) 3-Nitroaniline	9.79	138	53238	11.280	ng		100
53) 2,4-Dinitrophenol	9.93	184	87152	67.895	ng	#	16
54) Dibenzofuran	10.02	168	849742	44.844	ng		97
55) 4-Nitrophenol	9.98	139	70307m	34.164	ng		
56) 2,4-Dinitrotoluene	10.03	165	213965	50.168	ng	#	97
57) Fluorene	10.36	166	674099	42.053	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	173969	46.987	ng	#	82
59) Diethylphthalate	10.23	149	712338	38.621	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	336014	43.738	ng	#	88
61) 4-Nitroaniline	10.41	138	150604	31.747	ng		94
62) Azobenzene	10.50	77	722205	37.798	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	75927	37.601	ng		87
65) n-Nitrosodiphenylamine	10.47	169	599920	41.059	ng		96
66) 4-Bromophenyl-phenylether	10.83	248	202230	45.484	ng	#	88
67) Hexachlorobenzene	10.91	284	210273	44.685	ng	#	91
68) Atrazine	11.00	200	189747	43.553	ng		97
69) Pentachlorophenol	11.12	266	120263	66.890	ng		96
70) Phenanthrene	11.32	178	917032	41.673	ng		99
71) Anthracene	11.37	178	956966	42.573	ng		99
72) Carbazole	11.54	167	824184	39.163	ng		99
73) Di-n-butylphthalate	11.85	149	1033276	40.452	ng		98
74) Fluoranthene	12.52	202	888472	38.466	ng		98
76) Benzidine	12.65	184	179522	17.702	ng		98
77) Pyrene	12.75	202	901118	50.005	ng		100
79) Butylbenzylphthalate	13.35	149	367799	45.107	ng	#	94
80) Benzo(a)anthracene	13.94	228	670170	42.268	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	102258	19.780	ng		96
82) Chrysene	13.97	228	659001	44.021	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	483625	46.827	ng		98
84) Di-n-octyl phthalate	14.50	149	775499	42.104	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	780175	58.524	ng		97
87) Benzo(b)fluoranthene	14.99	252	586435	37.831	ng		99
88) Benzo(k)fluoranthene	15.02	252	630465m	41.831	ng		
89) Benzo(a)pyrene	15.35	252	603748	42.249	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	657515	53.590	ng		97
91) Benzo(g,h,i)perylene	17.33	276	723240	59.530	ng		95

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

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