Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097031.D
Acq On : 25 Jul 2017 16:18
Operator : SJ/JU
Sample : PB100892BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB100892BSD

Manual Integrations APPROVED
Sohil
7/26/2017 5:54:26 PM

Quant Time: Jul 25 17:09:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	139658	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	612266	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	259960	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	414115	20.00	ng		0.00
75) Chrysene-d12	13.63	240	244771	20.00	ng		0.00
86) Perylene-d12	14.97	264	220568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	703313	75.92	ng		0.01
7) Phenol-d6	6.17	99	800144	75.65	ng		0.00
23) Nitrobenzene-d5	7.07	82	746262	71.50	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	159200	77.51	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1173272	76.59	ng		0.00
78) Terphenyl-d14	12.59	244	891183	74.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	140397	36.315	ng	#	76
3) Pyridine	2.74	79	399746	33.767	ng	#	64
4) n-Nitrosodimethylamine	2.70	42	229806	35.040	ng		84
6) Aniline	6.16	93	250417	18.816	ng	#	70
8) 2-Chlorophenol	6.29	128	370236	37.374	ng		95
9) Benzaldehyde	6.04	77	133319	21.296	ng		97
10) Phenol	6.18	94	440740	35.133	ng		95
11) bis(2-Chloroethyl)ether	6.25	93	350785	35.354	ng		91
12) 1,3-Dichlorobenzene	6.44	146	403106	37.760	ng		99
13) 1,4-Dichlorobenzene	6.52	146	409471	38.704	ng		95
14) 1,2-Dichlorobenzene	6.67	146	329747	35.697	ng		98
15) Benzyl Alcohol	6.66	79	260527	38.907	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	704459	35.399	ng		76
17) 2-Methylphenol	6.79	107	279284	36.530	ng	#	89
18) Hexachloroethane	7.01	117	139093	35.937	ng	#	83
19) n-Nitroso-di-n-propylamine	6.93	70	267674	38.450	ng	#	85
20) 3+4-Methylphenols	6.94	107	391475	39.204	ng	#	62
22) Acetophenone	6.92	105	528315	35.932	ng		97
24) Nitrobenzene	7.09	77	367521	33.811	ng		97
25) Isophorone	7.33	82	790144	38.658	ng		97
26) 2-Nitrophenol	7.40	139	229680	39.056	ng	#	83
27) 2,4-Dimethylphenol	7.46	122	378284	38.995	ng		98
28) bis(2-Chloroethoxy)methane	7.55	93	515297	38.633	ng		99
29) 2,4-Dichlorophenol	7.66	162	327538	39.193	ng		97
30) 1,2,4-Trichlorobenzene	7.73	180	305623	38.367	ng		98
31) Naphthalene	7.80	128	1113294	38.574	ng		99
32) Benzoic acid	7.63	122	243311	33.589	ng		98
33) 4-Chloroaniline	7.86	127	151239	12.878	ng		96
34) Hexachlorobutadiene	7.93	225	154469	36.578	ng		96
35) Caprolactam	8.25	113	102680m	38.317	ng		
36) 4-Chloro-3-methylphenol	8.37	107	297230	32.601	ng		87
37) 2-Methylnaphthalene	8.50	142	642233	35.145	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	222553	32.085	ng		99
40) Hexachlorocyclopentadiene	8.65	237	186034	76.969	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	178353	35.482	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	172342	34.254	ng		96
45) 1,1'-Biphenyl	8.96	154	751705	33.854	ng		98
46) 2-Chloronaphthalene	8.98	162	571210	34.958	ng		93
47) 2-Nitroaniline	9.09	65	224141	37.798	ng		96
48) Acenaphthylene	9.39	152	915874	36.518	ng		99
49) Dimethylphthalate	9.27	163	727675	36.861	ng		99
50) 2,6-Dinitrotoluene	9.33	165	158237	37.793	ng	#	88
51) Acenaphthene	9.56	154	534874	36.206	ng		99
52) 3-Nitroaniline	9.49	138	92950	17.885	ng		94
53) 2,4-Dinitrophenol	9.61	184	107961	56.711	ng	#	72
54) Dibenzofuran	9.74	168	775098	39.390	ng		98
55) 4-Nitrophenol	9.69	139	209902	67.917	ng	#	67
56) 2,4-Dinitrotoluene	9.73	165	181845	37.780	ng	#	51
57) Fluorene	10.08	166	565124	38.211	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145123	41.776	ng		98
59) Diethylphthalate	9.97	149	698146	38.548	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	240836	39.435	ng		96
61) 4-Nitroaniline	10.11	138	168009	34.023	ng		91
62) Azobenzene	10.23	77	692217	41.200	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	81780	31.780	ng		89
65) n-Nitrosodiphenylamine	10.20	169	560529	38.902	ng		98
66) 4-Bromophenyl-phenylether	10.56	248	165672	40.088	ng		98
67) Hexachlorobenzene	10.63	284	170244	36.735	ng		95
68) Atrazine	10.73	200	166254	40.238	ng		95
69) Pentachlorophenol	10.83	266	143313	74.738	ng		97
70) Phenanthrene	11.03	178	861058	38.807	ng		99
71) Anthracene	11.08	178	889221	39.128	ng		99
72) Carbazole	11.24	167	822069	36.781	ng		99
73) Di-n-butylphthalate	11.58	149	1095766	39.662	ng		100
74) Fluoranthene	12.21	202	820664	37.754	ng		98
76) Benzidine	12.33	184	263352	28.997	ng	#	92
77) Pyrene	12.43	202	849054	42.371	ng		99
79) Butylbenzylphthalate	13.07	149	441992	43.362	ng	#	82
80) Benzo(a)anthracene	13.62	228	625789	39.513	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	141263	23.652	ng	#	96
82) Chrysene	13.66	228	621797	40.207	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	568260	42.698	ng		99
84) Di-n-octyl phthalate	14.24	149	1002795	41.059	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	520665	39.263	ng		95
87) Benzo(b)fluoranthene	14.62	252	527431	39.780	ng		97
88) Benzo(k)fluoranthene	14.64	252	454078	35.940	ng		96
89) Benzo(a)pyrene	14.92	252	475382	39.175	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	420870	42.294	ng		98
91) Benzo(g,h,i)perylene	16.57	276	450576	43.177	ng		99

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

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