Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105078.D
Acq On : 3 May 2018 17:48
Operator : JU/SJ
Sample : PB108660BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108660BS

Manual Integrations APPROVED
Sohil
5/4/2018 10:51:36 AM

Quant Time: May 04 02:33:04 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	98754	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	421890	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	214369	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	402398	20.00	ng		0.00
75) Chrysene-d12	14.02	240	292015	20.00	ng		-0.02
86) Perylene-d12	15.57	264	232643	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	738723	114.38	ng		0.01
7) Phenol-d6	6.44	99	861150	108.52	ng		0.00
23) Nitrobenzene-d5	7.35	82	537938	83.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	268224	120.62	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1086288	80.05	ng		-0.01
78) Terphenyl-d14	12.90	244	1140398	89.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	83042	27.594	ng	#	88
3) Pyridine	3.30	79	219053	25.890	ng		85
4) n-Nitrosodimethylamine	3.26	42	88704	29.991	ng		80
6) Aniline	6.45	93	187153	16.976	ng	#	1
8) 2-Chlorophenol	6.57	128	275696	40.444	ng		93
9) Benzaldehyde	6.33	77	95094	19.928	ng		97
10) Phenol	6.45	94	315784	37.505	ng		79
11) bis(2-Chloroethyl)ether	6.52	93	253073	37.665	ng		92
12) 1,3-Dichlorobenzene	6.72	146	284297	36.814	ng		98
13) 1,4-Dichlorobenzene	6.80	146	290624	37.753	ng		98
14) 1,2-Dichlorobenzene	6.95	146	267170	37.451	ng		98
15) Benzyl Alcohol	6.94	79	208428	34.582	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	278791	30.897	ng	#	1
17) 2-Methylphenol	7.06	107	223378	37.698	ng	#	87
18) Hexachloroethane	7.28	117	102752	37.436	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	183472	35.382	ng		92
20) 3+4-Methylphenols	7.21	107	303096	41.243	ng		97
22) Acetophenone	7.20	105	378667	36.457	ng	#	93
24) Nitrobenzene	7.37	77	273194	38.298	ng		99
25) Isophorone	7.61	82	511851	37.463	ng	#	97
26) 2-Nitrophenol	7.69	139	158872	54.708	ng		92
27) 2,4-Dimethylphenol	7.73	122	247842	41.103	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	328233	39.293	ng		99
29) 2,4-Dichlorophenol	7.94	162	247543	43.026	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	244108	38.661	ng		97
31) Naphthalene	8.09	128	811281	38.618	ng		100
32) Benzoic acid	7.89	122	173280	36.017	ng		97
33) 4-Chloroaniline	8.16	127	48865	5.429	ng		95
34) Hexachlorobutadiene	8.19	225	135225	39.100	ng		97
35) Caprolactam	8.53	113	76781m	38.256	ng		
36) 4-Chloro-3-methylphenol	8.65	107	263826	42.766	ng		97
37) 2-Methylnaphthalene	8.78	142	542852	39.948	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	241632	39.376	ng		99
40) Hexachlorocyclopentadiene	8.92	237	194919	56.738	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	168343	39.519	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	175163	36.746	ng		95
45) 1,1'-Biphenyl	9.25	154	667210	37.050	ng		99
46) 2-Chloronaphthalene	9.27	162	531219	37.346	ng		99
47) 2-Nitroaniline	9.38	65	149867	42.604	ng		96
48) Acenaphthylene	9.69	152	779319	34.919	ng		100
49) Dimethylphthalate	9.55	163	653592	38.663	ng		99
50) 2,6-Dinitrotoluene	9.62	165	143601	45.908	ng		94
51) Acenaphthene	9.86	154	471011	34.590	ng		100
52) 3-Nitroaniline	9.80	138	53831	14.700	ng		90
53) 2,4-Dinitrophenol	9.91	184	141798	98.637	ng	#	22
54) Dibenzofuran	10.03	168	683677	36.028	ng		96
55) 4-Nitrophenol	9.99	139	161788	56.243	ng		98
56) 2,4-Dinitrotoluene	10.03	165	174961	42.642	ng		95
57) Fluorene	10.37	166	576987	41.773	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	147945	41.601	ng		93
59) Diethylphthalate	10.25	149	645045	38.314	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	271786	44.183	ng		98
61) 4-Nitroaniline	10.42	138	139422	38.938	ng		99
62) Azobenzene	10.53	77	573121	35.631	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	98518	49.923	ng	#	73
65) n-Nitrosodiphenylamine	10.49	169	523672	37.533	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	172033	40.193	ng	#	87
67) Hexachlorobenzene	10.92	284	191844	39.833	ng	#	90
68) Atrazine	11.02	200	151167	35.895	ng		97
69) Pentachlorophenol	11.13	266	161210	54.106	ng		98
70) Phenanthrene	11.34	178	830692	37.069	ng		99
71) Anthracene	11.39	178	867099	38.065	ng		99
72) Carbazole	11.56	167	788899	35.441	ng		99
73) Di-n-butylphthalate	11.87	149	1030680	37.905	ng		99
74) Fluoranthene	12.53	202	870426	37.176	ng		98
76) Benzidine	12.66	184	135634	9.332	ng		97
77) Pyrene	12.77	202	868907	40.143	ng		98
79) Butylbenzylphthalate	13.39	149	418191	41.010	ng		93
80) Benzo(a)anthracene	14.00	228	736199	42.200	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	95592	14.696	ng		98
82) Chrysene	14.04	228	688866	38.443	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	575504	43.877	ng		99
84) Di-n-octyl phthalate	14.66	149	899202	41.029	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	524388	34.450	ng		95
87) Benzo(b)fluoranthene	15.13	252	620728	42.246	ng		99
88) Benzo(k)fluoranthene	15.17	252	566505	40.839	ng		97
89) Benzo(a)pyrene	15.51	252	540119	41.083	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	434701	40.259	ng		98
91) Benzo(g,h,i)perylene	17.50	276	443940	42.438	ng		95

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

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