Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100731.D
Acq On : 20 Nov 2017 15:37
Operator : SJ/JU
Sample : PB104346BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:17 PM

Quant Time: Nov 21 03:47:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91975	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	370271	20.00	ng		-0.01
38) Acenaphthene-d10	9.91	164	167185	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	317434	20.00	ng		0.00
75) Chrysene-d12	14.03	240	171249	20.00	ng		-0.01
86) Perylene-d12	15.50	264	193530	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	729693	127.17	ng		0.01
7) Phenol-d6	6.51	99	879326	124.28	ng		0.00
23) Nitrobenzene-d5	7.44	82	562718	100.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	235286	138.11	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1122966	102.28	ng		0.00
78) Terphenyl-d14	12.98	244	929148	124.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	104319	37.308	ng		97
3) Pyridine	3.50	79	308204	40.401	ng		96
4) n-Nitrosodimethylamine	3.47	42	144668	39.059	ng	#	97
6) Aniline	6.54	93	304654	30.478	ng		99
8) 2-Chlorophenol	6.66	128	296786	48.894	ng		95
9) Benzaldehyde	6.42	77	101521	20.092	ng		98
10) Phenol	6.52	94	360682	48.559	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	270591	43.372	ng		95
12) 1,3-Dichlorobenzene	6.82	146	334003	47.727	ng		98
13) 1,4-Dichlorobenzene	6.89	146	338697	47.818	ng		96
14) 1,2-Dichlorobenzene	7.05	146	315099	48.115	ng		97
15) Benzyl Alcohol	7.02	79	250136	45.298	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	476381	47.741	ng		99
17) 2-Methylphenol	7.12	107	254058	48.978	ng		98
18) Hexachloroethane	7.39	117	113296	48.513	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	202994	41.370	ng		96
20) 3+4-Methylphenols	7.27	107	302272	46.050	ng	#	87
22) Acetophenone	7.29	105	393742	43.609	ng	#	98
24) Nitrobenzene	7.46	77	300211	52.080	ng		97
25) Isophorone	7.70	82	556330	47.270	ng		99
26) 2-Nitrophenol	7.77	139	168919	60.876	ng		93
27) 2,4-Dimethylphenol	7.80	122	279318	52.943	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	352139	45.742	ng		100
29) 2,4-Dichlorophenol	8.01	162	261541	51.928	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	279465	51.296	ng		97
31) Naphthalene	8.18	128	861526	48.307	ng		99
32) Benzoic acid	7.92	122	93118	27.920	ng		96
33) 4-Chloroaniline	8.22	127	176588	23.788	ng		98
34) Hexachlorobutadiene	8.29	225	158133	48.818	ng		97
35) Caprolactam	8.60	113	73095m	42.289	ng		
36) 4-Chloro-3-methylphenol	8.70	107	258016	47.699	ng		98
37) 2-Methylnaphthalene	8.87	142	587148	49.589	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	272563	49.157	ng		97
40) Hexachlorocyclopentadiene	9.02	237	261175	100.082	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	194427	55.327	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	198102	54.410	ng		94
45) 1,1'-Biphenyl	9.33	154	690816	47.775	ng		98
46) 2-Chloronaphthalene	9.36	162	546148	52.064	ng		95
47) 2-Nitroaniline	9.46	65	157949	50.786	ng		96
48) Acenaphthylene	9.77	152	828183	47.639	ng		100
49) Dimethylphthalate	9.63	163	617073	48.342	ng		99
50) 2,6-Dinitrotoluene	9.70	165	139686	55.284	ng		90
51) Acenaphthene	9.95	154	515957	48.800	ng		100
52) 3-Nitroaniline	9.86	138	99232	33.258	ng		99
53) 2,4-Dinitrophenol	9.97	184	69491	67.992	ng	#	17
54) Dibenzofuran	10.12	168	718964	48.518	ng		97
55) 4-Nitrophenol	10.03	139	199723	82.438	ng		93
56) 2,4-Dinitrotoluene	10.10	165	184452	57.866	ng	#	86
57) Fluorene	10.46	166	552097	50.858	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	155914	52.250	ng	#	84
59) Diethylphthalate	10.33	149	582236	45.580	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	267189	50.173	ng		93
61) 4-Nitroaniline	10.49	138	136946	48.405	ng		84
62) Azobenzene	10.61	77	527915	43.879	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	64178	41.463	ng		78
65) n-Nitrosodiphenylamine	10.57	169	517159	46.855	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	173340	50.940	ng		90
67) Hexachlorobenzene	11.01	284	181366	50.960	ng	#	86
68) Atrazine	11.10	200	160467	48.028	ng		96
69) Pentachlorophenol	11.20	266	169101	66.263	ng		98
70) Phenanthrene	11.43	178	803153	48.055	ng		99
71) Anthracene	11.47	178	834799	49.232	ng		100
72) Carbazole	11.63	167	704501	45.028	ng		99
73) Di-n-butylphthalate	11.95	149	885826	48.381	ng		99
74) Fluoranthene	12.61	202	770896	43.522	ng		98
76) Benzidine	12.73	184	270499	39.442	ng		97
77) Pyrene	12.84	202	757771	62.075	ng		98
79) Butylbenzylphthalate	13.45	149	286834	57.617	ng		91
80) Benzo(a)anthracene	14.03	228	530337	51.426	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	129257	34.983	ng	#	96
82) Chrysene	14.06	228	484523	48.519	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	357899	54.660	ng		98
84) Di-n-octyl phthalate	14.62	149	539981	48.005	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	656467	81.272	ng		95
87) Benzo(b)fluoranthene	15.07	252	544550	47.494	ng		99
88) Benzo(k)fluoranthene	15.10	252	470825	43.461	ng		98
89) Benzo(a)pyrene	15.44	252	515511	50.716	ng		99
90) Dibenzo(a,h)anthracene	17.01	278	542382	65.247	ng		97
91) Benzo(g,h,i)perylene	17.44	276	570507	70.110	ng		94

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

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