Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100645.D
Acq On : 16 Nov 2017 22:44
Operator : SJ/JU
Sample : PB104306BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104306BS

Manual Integrations APPROVED
SOHIL
11/17/2017 1:25:48 PM

Quant Time: Nov 17 02:31:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 12:15:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120227	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	465452	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	198375	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	334219	20.00	ng		0.00
75) Chrysene-d12	14.04	240	233219	20.00	ng		0.00
86) Perylene-d12	15.52	264	202372	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	578050	77.07	ng		0.01
7) Phenol-d6	6.52	99	700419	75.73	ng		0.00
23) Nitrobenzene-d5	7.45	82	650515	92.40	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	159771	79.04	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1201161	92.20	ng		0.00
78) Terphenyl-d14	12.99	244	814672	80.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	123917	33.903	ng		95
3) Pyridine	3.51	79	363971	36.499	ng		95
4) n-Nitrosodimethylamine	3.48	42	180890	37.362	ng		100
6) Aniline	6.55	93	316487	24.222	ng		97
8) 2-Chlorophenol	6.67	128	364286	45.912	ng		96
9) Benzaldehyde	6.43	77	129912	19.669	ng		96
10) Phenol	6.53	94	441034	45.424	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	335151	41.096	ng		97
12) 1,3-Dichlorobenzene	6.83	146	398119	43.521	ng		98
13) 1,4-Dichlorobenzene	6.90	146	405706	43.819	ng		98
14) 1,2-Dichlorobenzene	7.06	146	375041	43.811	ng		96
15) Benzyl Alcohol	7.03	79	308196	42.697	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	611186	46.857	ng		99
17) 2-Methylphenol	7.13	107	310930	45.857	ng		99
18) Hexachloroethane	7.40	117	121811	39.902	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	248386	38.725	ng		97
20) 3+4-Methylphenols	7.29	107	363781	42.397	ng	#	88
22) Acetophenone	7.30	105	470711	41.473	ng	#	99
24) Nitrobenzene	7.47	77	367308	50.690	ng		98
25) Isophorone	7.71	82	689507	46.606	ng		98
26) 2-Nitrophenol	7.79	139	191062	55.314	ng		89
27) 2,4-Dimethylphenol	7.82	122	338329	51.014	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	436154	45.070	ng		99
29) 2,4-Dichlorophenol	8.02	162	311440	49.191	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	323864	47.290	ng		96
31) Naphthalene	8.19	128	1014595	45.257	ng		100
32) Benzoic acid	7.93	122	127389m	29.557	ng		
33) 4-Chloroaniline	8.23	127	166387	17.830	ng		99
34) Hexachlorobutadiene	8.30	225	187505	46.048	ng		98
35) Caprolactam	8.62	113	90274m	41.548	ng		
36) 4-Chloro-3-methylphenol	8.72	107	312281	45.925	ng		98
37) 2-Methylnaphthalene	8.88	142	679477	45.652	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	317271	48.224	ng	#	97
40) Hexachlorocyclopentadiene	9.03	237	94853	30.633	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	218783	52.469	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	224557	51.979	ng		94
45) 1,1'-Biphenyl	9.35	154	801448	46.711	ng		99
46) 2-Chloronaphthalene	9.37	162	620385	49.842	ng		97
47) 2-Nitroaniline	9.46	65	199710	53.935	ng		94
48) Acenaphthylene	9.79	152	940290	45.584	ng		100
49) Dimethylphthalate	9.65	163	757744	50.029	ng		99
50) 2,6-Dinitrotoluene	9.71	165	163111	54.405	ng	#	84
51) Acenaphthene	9.96	154	549880	43.831	ng		99
52) 3-Nitroaniline	9.87	138	117512	33.193	ng		95
53) 2,4-Dinitrophenol	9.98	184	22394	28.408	ng	#	13
54) Dibenzofuran	10.13	168	811683	46.163	ng		99
55) 4-Nitrophenol	10.03	139	237648	82.669	ng		94
56) 2,4-Dinitrotoluene	10.11	165	203105	53.700	ng		91
57) Fluorene	10.47	166	592766	46.019	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	164108	46.349	ng	#	85
59) Diethylphthalate	10.34	149	698495	46.084	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	305853	48.403	ng	#	88
61) 4-Nitroaniline	10.49	138	147038	43.801	ng		86
62) Azobenzene	10.62	77	612900	42.933	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	23110	19.820	ng		82
65) n-Nitrosodiphenylamine	10.58	169	578908	49.815	ng		97
66) 4-Bromophenyl-phenylether	10.95	248	188107	52.503	ng	#	87
67) Hexachlorobenzene	11.02	284	186095	49.663	ng	#	83
68) Atrazine	11.10	200	187343	53.256	ng		98
69) Pentachlorophenol	11.21	266	175067	65.155	ng		98
70) Phenanthrene	11.43	178	806930	45.856	ng		99
71) Anthracene	11.49	178	824881	46.204	ng		99
72) Carbazole	11.64	167	728456	44.221	ng		98
73) Di-n-butylphthalate	11.96	149	992394	51.479	ng		99
74) Fluoranthene	12.62	202	759424	40.721	ng		97
76) Benzidine	12.74	184	448218	47.990	ng		98
77) Pyrene	12.85	202	769435	46.282	ng		99
79) Butylbenzylphthalate	13.46	149	355961	52.503	ng	#	89
80) Benzo(a)anthracene	14.04	228	684248	48.720	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	229268	45.563	ng	#	98
82) Chrysene	14.07	228	635757	46.747	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	494351	55.439	ng		100
84) Di-n-octyl phthalate	14.63	149	809870	52.867	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	472805	42.981	ng		95
87) Benzo(b)fluoranthene	15.09	252	608181	50.726	ng		98
88) Benzo(k)fluoranthene	15.12	252	545640m	48.166	ng		
89) Benzo(a)pyrene	15.46	252	530815	49.940	ng		98
90) Dibenzo(a,h)anthracene	17.03	278	404218	46.502	ng		96
91) Benzo(g,h,i)perylene	17.46	276	379510	44.601	ng		95

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

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