Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
Data File : BF100627.D
Acq On : 16 Nov 2017 13:43
Operator : SJ/JU
Sample : I6302-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Manual Integrations APPROVED
SOHIL
11/17/2017 1:24:37 PM

Quant Time: Nov 16 15:02:54 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 11:34:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117483	20.00	ng		-0.02
21) Naphthalene-d8	8.16	136	469003	20.00	ng		-0.02
38) Acenaphthene-d10	9.92	164	218245	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	425943	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	288286	20.00	ng		-0.02
86) Perylene-d12	15.51	264	236172	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	787047	107.39	ng		0.00
7) Phenol-d6	6.52	99	888318	98.29	ng		0.00
23) Nitrobenzene-d5	7.45	82	684172	96.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.72	330	296080	133.13	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1269743	88.59	ng		-0.02
78) Terphenyl-d14	12.99	244	1210785	96.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	112394	31.468	ng		95
3) Pyridine	3.55	79	260096	26.692	ng		96
4) n-Nitrosodimethylamine	3.50	42	153070	32.354	ng		98
6) Aniline	6.55	93	266248	20.853	ng		99
8) 2-Chlorophenol	6.67	128	314924	40.618	ng		95
9) Benzaldehyde	6.43	77	102937	15.949	ng		97
10) Phenol	6.53	94	329095	34.687	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	303548	38.090	ng		97
12) 1,3-Dichlorobenzene	6.83	146	356826	39.918	ng		97
13) 1,4-Dichlorobenzene	6.90	146	359391	39.723	ng		97
14) 1,2-Dichlorobenzene	7.06	146	336145	40.184	ng		97
15) Benzyl Alcohol	7.02	79	279321	39.601	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	558752	43.838	ng		98
17) 2-Methylphenol	7.13	107	269738	40.711	ng		99
18) Hexachloroethane	7.39	117	122745	41.147	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	226222	36.094	ng		95
20) 3+4-Methylphenols	7.29	107	316285	37.723	ng	#	80
22) Acetophenone	7.29	105	436487	38.166	ng	#	95
24) Nitrobenzene	7.47	77	343517	47.048	ng		96
25) Isophorone	7.70	82	633859	42.520	ng		100
26) 2-Nitrophenol	7.78	139	183037	52.855	ng		94
27) 2,4-Dimethylphenol	7.82	122	306460	45.859	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	407412	41.781	ng		99
29) 2,4-Dichlorophenol	8.02	162	286933	44.977	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	297296	43.082	ng		97
31) Naphthalene	8.19	128	968955	42.894	ng		99
32) Benzoic acid	7.87	122	22781	12.953	ng		97
33) 4-Chloroaniline	8.23	127	148487	15.792	ng		99
34) Hexachlorobutadiene	8.30	225	170808	41.630	ng		100
35) Caprolactam	8.60	113	64897m	29.642	ng		
36) 4-Chloro-3-methylphenol	8.71	107	291115	42.488	ng		97
37) 2-Methylnaphthalene	8.87	142	655306	43.695	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	296100	40.909	ng		97
40) Hexachlorocyclopentadiene	9.03	237	272216	79.908	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	214937	46.854	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	225951	47.540	ng		94
45) 1,1'-Biphenyl	9.34	154	773505	40.978	ng		99
46) 2-Chloronaphthalene	9.37	162	605542	44.220	ng		96
47) 2-Nitroaniline	9.46	65	188215	46.601	ng		98
48) Acenaphthylene	9.79	152	938420	41.351	ng		99
49) Dimethylphthalate	9.65	163	713127	42.796	ng		99
50) 2,6-Dinitrotoluene	9.70	165	162047	49.129	ng		95
51) Acenaphthene	9.96	154	565848	40.998	ng		99
52) 3-Nitroaniline	9.87	138	112668	28.927	ng		96
53) 2,4-Dinitrophenol	9.97	184	27698	30.633	ng	#	13
54) Dibenzofuran	10.13	168	823841	42.588	ng		98
55) 4-Nitrophenol	10.03	139	230006	72.726	ng		89
56) 2,4-Dinitrotoluene	10.11	165	216676	52.072	ng	#	87
57) Fluorene	10.47	166	634944	44.806	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179005	45.954	ng	#	87
59) Diethylphthalate	10.34	149	690546	41.411	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	301998	43.442	ng		93
61) 4-Nitroaniline	10.49	138	169822	45.982	ng		88
62) Azobenzene	10.62	77	641314	40.834	ng		94
64) 4,6-Dinitro-2-methylphenol	10.52	198	39399	23.619	ng	#	71
65) n-Nitrosodiphenylamine	10.58	169	604847	40.839	ng		97
66) 4-Bromophenyl-phenylether	10.95	248	200052	43.813	ng	#	84
67) Hexachlorobenzene	11.02	284	212153	44.425	ng	#	87
68) Atrazine	11.10	200	189521	42.274	ng		97
69) Pentachlorophenol	11.21	266	182248	53.221	ng		99
70) Phenanthrene	11.43	178	975062	43.478	ng		99
71) Anthracene	11.49	178	979091	43.032	ng		99
72) Carbazole	11.64	167	879605	41.898	ng		99
73) Di-n-butylphthalate	11.96	149	1091973	44.447	ng		99
74) Fluoranthene	12.62	202	992381	41.753	ng		95
76) Benzidine	12.74	184	861561	74.625	ng		98
77) Pyrene	12.85	202	1007087	49.006	ng		100
79) Butylbenzylphthalate	13.46	149	429537	51.253	ng		97
80) Benzo(a)anthracene	14.03	228	761134	43.843	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	144097	23.167	ng	#	98
82) Chrysene	14.07	228	716270	42.607	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	570095	51.721	ng		99
84) Di-n-octyl phthalate	14.63	149	830199	43.843	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	706259	51.939	ng		95
87) Benzo(b)fluoranthene	15.08	252	610816	43.655	ng		99
88) Benzo(k)fluoranthene	15.12	252	548604m	41.497	ng		
89) Benzo(a)pyrene	15.45	252	558688	45.040	ng		100
90) Dibenzo(a,h)anthracene	17.02	278	577544	56.932	ng		96
91) Benzo(g,h,i)perylene	17.46	276	625908	63.030	ng		95

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

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