Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101338.D
Acq On : 12 Dec 2017 19:05
Operator : SJ/JU
Sample : I6822-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(13-15)MS

Manual Integrations APPROVED

Quant Time: Dec 13 03:13:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Sohil

12/13/2017 12:07:44 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	40496	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	159368	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	68217	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	123301	20.00	ng		0.00
75) Chrysene-d12	14.01	240	100827	20.00	ng		0.00
86) Perylene-d12	15.49	264	80475	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	365955	149.33	ng		0.01
7) Phenol-d6	6.47	99	437139	146.92	ng		0.01
23) Nitrobenzene-d5	7.39	82	264629	99.05	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	102699	125.32	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	534851	107.27	ng		0.00
78) Terphenyl-d14	12.95	244	471670	102.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	37304	36.811	ng	#	94
3) Pyridine	3.39	79	103715	39.480	ng		95
4) n-Nitrosodimethylamine	3.33	42	55306	43.104	ng		87
6) Aniline	6.49	93	110307	28.510	ng	#	87
8) 2-Chlorophenol	6.62	128	118145	44.215	ng		94
9) Benzaldehyde	6.38	77	30587	16.796	ng		96
10) Phenol	6.49	94	153470	46.388	ng		77
11) bis(2-Chloroethyl)ether	6.56	93	105604	42.556	ng		99
12) 1,3-Dichlorobenzene	6.76	146	133965	43.057	ng		96
13) 1,4-Dichlorobenzene	6.84	146	136271	42.303	ng		98
14) 1,2-Dichlorobenzene	6.99	146	128115	42.639	ng		97
15) Benzyl Alcohol	6.97	79	97261	42.324	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	166650	49.405	ng		87
17) 2-Methylphenol	7.09	107	96542	44.744	ng	#	91
18) Hexachloroethane	7.33	117	35125	33.940	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	80363	40.105	ng		96
20) 3+4-Methylphenols	7.24	107	124664	44.303	ng	#	70
22) Acetophenone	7.23	105	156956	40.765	ng	#	91
24) Nitrobenzene	7.41	77	117601	44.914	ng		98
25) Isophorone	7.65	82	211341	46.313	ng		99
26) 2-Nitrophenol	7.73	139	50009	34.793	ng		93
27) 2,4-Dimethylphenol	7.76	122	102238	49.170	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	134034	43.701	ng		98
29) 2,4-Dichlorophenol	7.97	162	103110	45.558	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	107384	43.149	ng		98
31) Naphthalene	8.13	128	336488	42.840	ng		99
33) 4-Chloroaniline	8.18	127	72950	23.115	ng		99
34) Hexachlorobutadiene	8.24	225	63878	41.849	ng		96
35) Caprolactam	8.56	113	29992m	42.521	ng		
36) 4-Chloro-3-methylphenol	8.67	107	99901	42.612	ng		99
37) 2-Methylnaphthalene	8.82	142	227274	42.585	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	101976	41.150	ng	#	96
40) Hexachlorocyclopentadiene	8.96	237	5335	13.475	ng		91
42) 2,4,6-Trichlorophenol	9.10	196	67191	46.252	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	70106	45.140	ng	#	92
45) 1,1'-Biphenyl	9.29	154	260548	41.687	ng		97
46) 2-Chloronaphthalene	9.32	162	204286	46.024	ng		94
47) 2-Nitroaniline	9.42	65	62486	47.582	ng		96
48) Acenaphthylene	9.73	152	311611	42.719	ng		100
49) Dimethylphthalate	9.58	163	321040	58.355	ng		99
50) 2,6-Dinitrotoluene	9.66	165	47592	41.072	ng		88
51) Acenaphthene	9.90	154	179996	41.209	ng		98
52) 3-Nitroaniline	9.83	138	48573	37.275	ng		95
53) 2,4-Dinitrophenol	9.96	184	998	6.401	ng	#	25
54) Dibenzofuran	10.07	168	271058	43.063	ng		100
55) 4-Nitrophenol	10.00	139	56547	64.345	ng		97
56) 2,4-Dinitrotoluene	10.07	165	55841	35.959	ng	#	89
57) Fluorene	10.42	166	211408	41.316	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	51707	41.581	ng	#	86
59) Diethylphthalate	10.29	149	235847	43.463	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	104339	41.299	ng		92
61) 4-Nitroaniline	10.45	138	53983	39.908	ng		96
62) Azobenzene	10.56	77	187556	40.728	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	5223	6.316	ng		76
65) n-Nitrosodiphenylamine	10.53	169	195782	45.008	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	62707	45.435	ng		91
67) Hexachlorobenzene	10.97	284	62411	42.193	ng	#	89
68) Atrazine	11.05	200	55306	41.449	ng		98
69) Pentachlorophenol	11.17	266	42596	52.374	ng		98
70) Phenanthrene	11.38	178	304278	44.812	ng		98
71) Anthracene	11.43	178	302021	43.948	ng		98
72) Carbazole	11.59	167	267173	42.551	ng		99
73) Di-n-butylphthalate	11.91	149	345158	43.857	ng		97
74) Fluoranthene	12.57	202	334846	44.487	ng		96
76) Benzidine	12.70	184	185554	56.594	ng		97
77) Pyrene	12.81	202	337202	48.467	ng		98
79) Butylbenzylphthalate	13.41	149	140447	45.786	ng		94
80) Benzo(a)anthracene	14.00	228	286483	45.002	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	92980	42.173	ng	#	98
82) Chrysene	14.04	228	268957	45.491	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	220655	50.451	ng		100
84) Di-n-octyl phthalate	14.58	149	320092	43.955	ng		100
85) Indeno(1,2,3-cd)pyrene	16.99	276	191807	36.491	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	229874	47.689	ng		97
88) Benzo(k)fluoranthene	15.09	252	205453	43.262	ng	#	96
89) Benzo(a)pyrene	15.43	252	196526	44.846	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	156778	40.581	ng		96
91) Benzo(g,h,i)perylene	17.43	276	157187	43.173	ng	#	93

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

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