Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101832.D
Acq On : 29 Dec 2017 16:39
Operator : SJ/JU
Sample : I7023-06MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Manual Integrations APPROVED
Sohil
1/2/2018 1:05:05 PM

Quant Time: Dec 30 03:15:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102558	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	318509	20.00	ng		0.01
38) Acenaphthene-d10	9.85	164	140822	20.00	ng		0.02
63) Phenanthrene-d10	11.33	188	226919	20.00	ng		0.02
75) Chrysene-d12	13.97	240	251659	20.00	ng		0.00
86) Perylene-d12	15.44	264	296352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1111332	161.41	ng		0.01
7) Phenol-d6	6.45	99	1172142	136.79	ng		0.01
23) Nitrobenzene-d5	7.36	82	691156	120.79	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	172752	127.31	ng		0.02
44) 2-Fluorobiphenyl	9.16	172	854606	94.14	ng		0.02
78) Terphenyl-d14	12.90	244	849643	81.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	145559	41.144	ng		97
3) Pyridine	3.32	79	339994	34.590	ng		96
4) n-Nitrosodimethylamine	3.26	42	183185	40.477	ng		100
6) Aniline	6.46	93	330966	27.794	ng	#	64
8) 2-Chlorophenol	6.58	128	335122	46.271	ng		98
9) Benzaldehyde	6.35	77	182279	28.804	ng		96
10) Phenol	6.46	94	466722	47.789	ng		74
11) bis(2-Chloroethyl)ether	6.53	93	338243	44.153	ng		95
12) 1,3-Dichlorobenzene	6.73	146	350718	42.906	ng		99
13) 1,4-Dichlorobenzene	6.80	146	359731	43.095	ng		99
14) 1,2-Dichlorobenzene	6.96	146	316075	42.067	ng		98
15) Benzyl Alcohol	6.95	79	242779	41.164	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	484341	41.311	ng	#	36
17) 2-Methylphenol	7.07	107	253797	38.095	ng	#	87
18) Hexachloroethane	7.29	117	121316	41.802	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	245054	43.548	ng	#	95
20) 3+4-Methylphenols	7.22	107	354305	50.186	ng		96
22) Acetophenone	7.21	105	428840	59.007	ng	#	95
24) Nitrobenzene	7.38	77	306135	48.343	ng		98
25) Isophorone	7.62	82	670193	58.388	ng	#	92
26) 2-Nitrophenol	7.70	139	151711	55.764	ng	#	60
27) 2,4-Dimethylphenol	7.74	122	203818	44.098	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	305394	41.885	ng	#	86
29) 2,4-Dichlorophenol	7.96	162	257885	56.476	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	194673	40.399	ng		97
31) Naphthalene	8.10	128	1420530	88.590	ng		97
32) Benzoic acid	7.87	122	46572	20.435	ng	#	1
33) 4-Chloroaniline	8.17	127	151822	21.784	ng	#	91
34) Hexachlorobutadiene	8.20	225	134306	48.189	ng		98
35) Caprolactam	8.53	113	57352	36.172	ng	#	1
36) 4-Chloro-3-methylphenol	8.66	107	192837	38.423	ng		92
37) 2-Methylnaphthalene	8.81	142	1946705	186.340	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	171502	36.071	ng		98
40) Hexachlorocyclopentadiene	8.94	237	780	12.444	ng		83

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	79337	27.717	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	98628	31.469	ng	#	55
45) 1,1'-Biphenyl	9.26	154	715550	57.295	ng		98
46) 2-Chloronaphthalene	9.29	162	310426	32.485	ng		98
47) 2-Nitroaniline	9.40	65	122572	37.131	ng		91
48) Acenaphthylene	9.71	152	487499	32.299	ng	#	90
49) Dimethylphthalate	9.56	163	300268	26.509	ng	#	99
50) 2,6-Dinitrotoluene	9.64	165	68767	29.870	ng	#	75
51) Acenaphthene	9.88	154	335104	36.955	ng	#	86
52) 3-Nitroaniline	9.81	138	72709	25.332	ng	#	93
53) 2,4-Dinitrophenol	9.97	184	7778	18.769	ng	#	60
54) Dibenzofuran	10.05	168	420875	36.522	ng	#	71
55) 4-Nitrophenol	10.00	139	63858	51.023	ng	#	49
56) 2,4-Dinitrotoluene	10.07	165	149525	57.647	ng	#	94
57) Fluorene	10.40	166	486084	49.862	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	10.19	232	73512	32.647	ng	#	95
59) Diethylphthalate	10.26	149	348948	31.108	ng		94
60) 4-Chlorophenyl-phenylether	10.38	204	158811	33.991	ng		98
61) 4-Nitroaniline	10.43	138	87067	30.179	ng		100
62) Azobenzene	10.54	77	352223	30.312	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.49	198	14347	12.390	ng	#	1
65) n-Nitrosodiphenylamine	10.50	169	466965m	55.731	ng		
66) 4-Bromophenyl-phenylether	10.86	248	102947	40.376	ng		97
67) Hexachlorobenzene	10.96	284	99104	36.725	ng		92
68) Atrazine	11.02	200	116094	46.468	ng		92
69) Pentachlorophenol	11.16	266	56805	56.251	ng		96
70) Phenanthrene	11.36	178	884250	70.071	ng		98
71) Anthracene	11.41	178	535930m	41.576	ng		
72) Carbazole	11.57	167	444242	36.810	ng		96
73) Di-n-butylphthalate	11.87	149	590318	40.300	ng		100
74) Fluoranthene	12.54	202	597553	45.113	ng		97
76) Benzidine	12.66	184	273740	25.754	ng		97
77) Pyrene	12.77	202	630903	33.404	ng		99
79) Butylbenzylphthalate	13.36	149	292690	34.249	ng	#	94
80) Benzo(a)anthracene	13.96	228	616203	37.082	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	186139	34.353	ng		96
82) Chrysene	14.00	228	606710	38.669	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	386345	35.692	ng		99
84) Di-n-octyl phthalate	14.52	149	739480	38.307	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	615058	44.021	ng		97
87) Benzo(b)fluoranthene	15.01	252	623750	34.531	ng		99
88) Benzo(k)fluoranthene	15.04	252	641282	36.514	ng		97
89) Benzo(a)pyrene	15.38	252	617465	37.081	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	533421	37.310	ng		95
91) Benzo(g,h,i)perylene	17.37	276	508682	35.931	ng		96

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

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