Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096387.D
Acq On : 1 Jul 2017 19:07
Operator : SJ/MA
Sample : I3950-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B5-10.5-13MSD

Manual Integrations APPROVED
mohammad
7/3/2017 4:02:50 PM

Quant Time: Jul 03 02:35:36 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	130531	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	576098	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	237022	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	342492	20.00	ng	0.00
75) Chrysene-d12	13.87	240	226641	20.00	ng	0.00
86) Perylene-d12	15.28	264	256836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	916758	103.66	ng	0.00
7) Phenol-d6	6.37	99	1127493	103.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	658269	68.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	183657	99.20	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	984689	71.03	ng	0.00
78) Terphenyl-d14	12.83	244	548771	51.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	128139	30.557	ng	# 76
3) Pyridine	3.14	79	343100	29.819	ng	# 68
4) n-Nitrosodimethylamine	3.08	42	189483	33.365	ng	89
6) Aniline	6.39	93	435602	30.999	ng	95
8) 2-Chlorophenol	6.52	128	338347	35.876	ng	97
9) Benzaldehyde	6.27	77	140999	20.722	ng	99
10) Phenol	6.39	94	439823	35.509	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	320458	33.479	ng	92
12) 1,3-Dichlorobenzene	6.67	146	347042	35.095	ng	99
13) 1,4-Dichlorobenzene	6.75	146	348423	35.252	ng	96
14) 1,2-Dichlorobenzene	6.90	146	328120	36.157	ng	97
15) Benzyl Alcohol	6.87	79	282871	38.922	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	748222	38.450	ng	92
17) 2-Methylphenol	6.99	107	281685	37.478	ng	97
18) Hexachloroethane	7.25	117	127538	35.593	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	230709	35.620	ng	# 85
20) 3+4-Methylphenols	7.15	107	331776	39.577	ng	96
22) Acetophenone	7.14	105	440996	35.033	ng	# 92
24) Nitrobenzene	7.31	77	354318	35.229	ng	93
25) Isophorone	7.56	82	651863	35.068	ng	97
26) 2-Nitrophenol	7.63	139	187277	35.180	ng	# 83
27) 2,4-Dimethylphenol	7.67	122	319469	35.245	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	447096	36.436	ng	98
29) 2,4-Dichlorophenol	7.87	162	279520	35.742	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	257305	34.879	ng	97
31) Naphthalene	8.04	128	978323	35.972	ng	99
32) Benzoic acid	7.74	122	37383	4.911	ng	92
33) 4-Chloroaniline	8.08	127	309828	27.426	ng	99
34) Hexachlorobutadiene	8.16	225	126743	33.497	ng	95
35) Caprolactam	8.43	113	95353m	35.358	ng	
36) 4-Chloro-3-methylphenol	8.57	107	290850	33.611	ng	91
37) 2-Methylnaphthalene	8.73	142	634174	36.631	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	212644	34.552	ng	99
40) Hexachlorocyclopentadiene	8.89	237	166735	55.719	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	169374	34.789	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	174324	36.214	ng		96
45) 1,1'-Biphenyl	9.19	154	688891	33.921	ng		97
46) 2-Chloronaphthalene	9.22	162	540519	35.714	ng		94
47) 2-Nitroaniline	9.30	65	201652	36.618	ng		98
48) Acenaphthylene	9.63	152	854038	35.612	ng		99
49) Dimethylphthalate	9.49	163	834874	47.184	ng		99
50) 2,6-Dinitrotoluene	9.55	165	138647	35.435	ng	#	91
51) Acenaphthene	9.80	154	501037	33.894	ng		98
52) 3-Nitroaniline	9.71	138	139093	28.501	ng		98
53) 2,4-Dinitrophenol	9.82	184	47345	22.782	ng	#	72
54) Dibenzofuran	9.97	168	722155	37.002	ng		96
55) 4-Nitrophenol	9.88	139	225557	55.762	ng	#	74
56) 2,4-Dinitrotoluene	9.95	165	175161	35.351	ng	#	86
57) Fluorene	10.32	166	496367	36.011	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	124145	37.276	ng	#	97
59) Diethylphthalate	10.19	149	582330	34.819	ng		99
60) 4-Chlorophenyl-phenylether	10.31	204	211314	35.235	ng		91
61) 4-Nitroaniline	10.32	138	126330	28.469	ng		90
62) Azobenzene	10.47	77	576499	35.649	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	57751	24.450	ng	#	77
65) n-Nitrosodiphenylamine	10.42	169	462635	38.499	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	131172	39.344	ng		96
67) Hexachlorobenzene	10.86	284	130418	35.734	ng	#	88
68) Atrazine	10.95	200	124199	36.177	ng		94
69) Pentachlorophenol	11.06	266	128505	59.409	ng		97
70) Phenanthrene	11.27	178	674287	36.420	ng		100
71) Anthracene	11.32	178	699343	37.067	ng		98
72) Carbazole	11.47	167	625006	32.940	ng		96
73) Di-n-butylphthalate	11.82	149	759096	33.031	ng	#	98
74) Fluoranthene	12.45	202	552610	30.443	ng		98
76) Benzidine	12.57	184	314871	28.954	ng	#	92
77) Pyrene	12.68	202	582422	32.016	ng		99
79) Butylbenzylphthalate	13.30	149	288571	31.336	ng	#	81
80) Benzo(a)anthracene	13.86	228	473293	36.062	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	169464	31.437	ng	#	96
82) Chrysene	13.90	228	481427	35.028	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	363514	35.363	ng		100
84) Di-n-octyl phthalate	14.47	149	734490	36.284	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.65	276	517263	47.679	ng		95
87) Benzo(b)fluoranthene	14.88	252	488714m	30.368	ng		
88) Benzo(k)fluoranthene	14.91	252	501387	34.829	ng		96
89) Benzo(a)pyrene	15.23	252	504208	35.092	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	431394	38.165	ng	#	95
91) Benzo(g,h,i)perylene	17.06	276	413550	35.308	ng		97

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

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