Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094608.D
Acq On : 25 Apr 2017 16:40
Operator : SJ/MA
Sample : PB98458BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98458BS

Manual Integrations APPROVED
mohammad
4/26/2017 2:20:55 PM

Quant Time: Apr 26 02:57:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	120099	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	477095	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	206328	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	342915	20.00	ng		-0.01
75) Chrysene-d12	14.46	240	241236	20.00	ng		0.00
86) Perylene-d12	16.08	264	221252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	914534	126.34	ng		0.00
7) Phenol-d6	5.39	99	1078615	126.39	ng		0.00
23) Nitrobenzene-d5	6.41	82	670389	86.77	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	198154	122.78	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	1200403	85.60	ng		-0.01
78) Terphenyl-d14	13.18	244	871453	96.56	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	114572	27.21	ng		97
3) Pyridine	2.65	79	327597	35.60	ng		99
4) n-Nitrosodimethylamine	2.59	42	149706	39.32	ng		88
6) Aniline	5.39	93	354076	31.22	ng	#	84
8) 2-Chlorophenol	5.53	128	348947	42.36	ng		96
9) Benzaldehyde	5.26	77	100366	15.46	ng		97
10) Phenol	5.41	94	427243	40.75	ng		88
11) bis(2-Chloroethyl)ether	5.47	93	320298	41.82	ng		97
12) 1,3-Dichlorobenzene	5.69	146	368545	40.38	ng		99
13) 1,4-Dichlorobenzene	5.78	146	381658	41.57	ng		97
14) 1,2-Dichlorobenzene	5.95	146	352261	41.65	ng		94
15) Benzyl Alcohol	5.94	79	258848	40.89	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	421581	41.98	ng		65
17) 2-Methylphenol	6.08	107	277239	42.73	ng	#	91
18) Hexachloroethane	6.34	117	120972	38.43	ng	#	85
19) n-Nitroso-di-n-propylamine	6.25	70	242313	42.85	ng		97
20) 3+4-Methylphenols	6.27	107	379451	43.04	ng	#	61
22) Acetophenone	6.23	105	491196	42.34	ng	#	86
24) Nitrobenzene	6.43	77	347644	42.73	ng		95
25) Isophorone	6.72	82	612896	42.79	ng		95
26) 2-Nitrophenol	6.80	139	173511	39.69	ng		94
27) 2,4-Dimethylphenol	6.88	122	305618	43.04	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	396386	42.78	ng		99
29) 2,4-Dichlorophenol	7.11	162	286217	43.33	ng		99
30) 1,2,4-Trichlorobenzene	7.19	180	284531	41.67	ng		98
31) Naphthalene	7.28	128	962232	41.95	ng		100
32) Benzoic acid	7.06	122	145354	38.71	ng		94
33) 4-Chloroaniline	7.35	127	100859	10.57	ng		92
34) Hexachlorobutadiene	7.43	225	142061	41.72	ng		100
35) Caprolactam	7.81	113	94109m	45.35	ng		
36) 4-Chloro-3-methylphenol	7.98	107	293306	42.37	ng		89
37) 2-Methylnaphthalene	8.12	142	658536	41.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	257041	43.75	ng		100
40) Hexachlorocyclopentadiene	8.31	237	94369	39.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	181190	43.91	ng		99
43) 2,4,5-Trichlorophenol	8.54	196	186225	43.95	ng		93
45) 1,1'-Biphenyl	8.69	154	743244	44.09	ng		98
46) 2-Chloronaphthalene	8.71	162	589491	43.98	ng		97
47) 2-Nitroaniline	8.85	65	176329	45.73	ng	#	86
48) Acenaphthylene	9.21	152	885224	42.36	ng		99
49) Dimethylphthalate	9.09	163	710543	46.21	ng		99
50) 2,6-Dinitrotoluene	9.15	165	153255	44.40	ng		93
51) Acenaphthene	9.42	154	538823	43.05	ng		98
52) 3-Nitroaniline	9.35	138	107877	27.02	ng		94
53) 2,4-Dinitrophenol	9.50	184	23085	17.20	ng	#	68
54) Dibenzofuran	9.64	168	799456	43.95	ng		100
55) 4-Nitrophenol	9.62	139	166111m	58.88	ng		
56) 2,4-Dinitrotoluene	9.65	165	196385	46.37	ng		96
57) Fluorene	10.06	166	614478	43.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	130683	43.03	ng	#	94
59) Diethylphthalate	9.95	149	660293	45.51	ng		98
60) 4-Chlorophenyl-phenylether	10.07	204	268396	45.53	ng		94
61) 4-Nitroaniline	10.11	138	146949	36.20	ng		94
62) Azobenzene	10.27	77	630469	44.76	ng		94
64) 4,6-Dinitro-2-methylphenol	10.15	198	20288	9.03	ng	#	71
65) n-Nitrosodiphenylamine	10.22	169	564761	47.36	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	160314	47.08	ng		98
67) Hexachlorobenzene	10.74	284	156262	45.54	ng	#	82
68) Atrazine	10.90	200	168722	47.29	ng		97
69) Pentachlorophenol	10.99	266	123895	90.93	ng		99
70) Phenanthrene	11.24	178	851766	44.11	ng		98
71) Anthracene	11.30	178	870377	43.57	ng		98
72) Carbazole	11.51	167	800610	42.70	ng		97
73) Di-n-butylphthalate	11.96	149	1027884	49.80	ng		99
74) Fluoranthene	12.69	202	762993	38.12	ng		98
76) Benzidine	12.88	184	474230	48.55	ng	#	93
77) Pyrene	12.97	202	756681	44.90	ng		99
79) Butylbenzylphthalate	13.79	149	356708	48.29	ng	#	87
80) Benzo(a)anthracene	14.45	228	617719	44.05	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	204903	41.28	ng	#	96
82) Chrysene	14.49	228	568235	44.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	495828	50.00	ng	#	99
84) Di-n-octyl phthalate	15.27	149	828767	49.82	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	514119	42.17	ng		99
87) Benzo(b)fluoranthene	15.68	252	635004	46.92	ng		98
88) Benzo(k)fluoranthene	15.71	252	543965	42.47	ng		95
89) Benzo(a)pyrene	16.03	252	553931	43.99	ng		100
90) Dibenzo(a,h)anthracene	17.38	278	428998	41.03	ng		98
91) Benzo(g,h,i)perylene	17.74	276	413345	38.83	ng		97

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

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