Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098034.D
Acq On : 25 Aug 2017 17:00
Operator : SJ/JU
Sample : PB101788BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101788BS

Manual Integrations APPROVED
Sohil
8/28/2017 3:13:22 PM

Quant Time: Aug 25 23:42:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	113422	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	454217	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	203887	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	393405	20.00	ng		0.00
75) Chrysene-d12	13.89	240	275052	20.00	ng		0.00
86) Perylene-d12	15.30	264	208214	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	936942	125.65	ng		0.00
7) Phenol-d6	6.38	99	1263985	124.76	ng		0.00
23) Nitrobenzene-d5	7.30	82	777739	93.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.57	330	240438	135.91	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1147577	82.69	ng		-0.01
78) Terphenyl-d14	12.85	244	990931	75.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	143810	34.582	ng		89
3) Pyridine	3.20	79	412664	35.895	ng		88
4) n-Nitrosodimethylamine	3.16	42	166344	37.605	ng		83
6) Aniline	6.40	93	385194	27.064	ng		97
8) 2-Chlorophenol	6.53	128	313117	39.817	ng		99
9) Benzaldehyde	6.29	77	164759	25.674	ng		88
10) Phenol	6.39	94	453989	38.314	ng		98
11) bis(2-Chloroethyl)ether	6.48	93	343521	38.410	ng		96
12) 1,3-Dichlorobenzene	6.68	146	312105	36.897	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	318338	37.003	ng	#	94
14) 1,2-Dichlorobenzene	6.91	146	297520	37.506	ng		100
15) Benzyl Alcohol	6.89	79	313934	41.387	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	452461	37.601	ng		92
17) 2-Methylphenol	7.00	107	289894	41.832	ng		96
18) Hexachloroethane	7.25	117	127610	37.834	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	250529	36.122	ng		91
20) 3+4-Methylphenols	7.15	107	344884	40.746	ng		93
22) Acetophenone	7.15	105	455425	37.954	ng	#	90
24) Nitrobenzene	7.32	77	395922	42.528	ng		93
25) Isophorone	7.56	82	706795	40.653	ng		97
26) 2-Nitrophenol	7.64	139	161090	47.787	ng	#	75
27) 2,4-Dimethylphenol	7.68	122	294363	40.597	ng		94
28) bis(2-Chloroethoxy)methane	7.78	93	443605	38.810	ng		99
29) 2,4-Dichlorophenol	7.88	162	250874	41.681	ng		92
30) 1,2,4-Trichlorobenzene	7.96	180	250877	37.599	ng		98
31) Naphthalene	8.05	128	900271	38.178	ng		99
32) Benzoic acid	7.81	122	172873	34.761	ng		93
33) 4-Chloroaniline	8.09	127	238299	23.962	ng		99
34) Hexachlorobutadiene	8.16	225	144935	37.203	ng		99
35) Caprolactam	8.47	113	93709m	45.797	ng		
36) 4-Chloro-3-methylphenol	8.58	107	312906	40.463	ng	#	79
37) 2-Methylnaphthalene	8.73	142	588157	40.683	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	231900	37.061	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	265269	88.245	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	175695	41.823	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	176809	42.424	ng		97
45) 1,1'-Biphenyl	9.20	154	693162	37.282	ng		95
46) 2-Chloronaphthalene	9.22	162	511019	37.199	ng	#	91
47) 2-Nitroaniline	9.32	65	211878	46.006	ng		96
48) Acenaphthylene	9.64	152	844278	39.136	ng		99
49) Dimethylphthalate	9.50	163	604511	40.562	ng		99
50) 2,6-Dinitrotoluene	9.56	165	130836	43.980	ng	#	51
51) Acenaphthene	9.81	154	502101	36.904	ng		100
52) 3-Nitroaniline	9.73	138	110144	28.697	ng		83
53) 2,4-Dinitrophenol	9.84	184	92666	67.324	ng	#	79
54) Dibenzofuran	9.98	168	755368	41.425	ng		99
55) 4-Nitrophenol	9.90	139	250290	81.747	ng	#	37
56) 2,4-Dinitrotoluene	9.97	165	174596	46.766	ng	#	54
57) Fluorene	10.32	166	559412	39.680	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	147378	45.674	ng		95
59) Diethylphthalate	10.20	149	622100	39.916	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	257334	39.290	ng		89
61) 4-Nitroaniline	10.35	138	155738	42.692	ng	#	69
62) Azobenzene	10.47	77	755225	40.795	ng		93
64) 4,6-Dinitro-2-methylphenol	10.37	198	70977	39.970	ng		82
65) n-Nitrosodiphenylamine	10.44	169	520467	38.851	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	162898	39.875	ng		97
67) Hexachlorobenzene	10.87	284	157078	37.723	ng	#	83
68) Atrazine	10.97	200	152546	42.937	ng		98
69) Pentachlorophenol	11.06	266	169895	69.978	ng		99
70) Phenanthrene	11.28	178	832071	39.692	ng		100
71) Anthracene	11.33	178	857853	40.346	ng		99
72) Carbazole	11.49	167	814354	40.349	ng		97
73) Di-n-butylphthalate	11.82	149	936468	40.282	ng		99
74) Fluoranthene	12.47	202	887181	40.546	ng		99
76) Benzidine	12.59	184	352155	39.049	ng	#	91
77) Pyrene	12.69	202	904912	40.225	ng		98
79) Butylbenzylphthalate	13.32	149	387581	44.937	ng	#	70
80) Benzo(a)anthracene	13.88	228	629815	38.205	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	155447	27.944	ng	#	94
82) Chrysene	13.92	228	626962	38.232	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	434062	45.416	ng		99
84) Di-n-octyl phthalate	14.49	149	748636	45.018	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	521624	43.240	ng		93
87) Benzo(b)fluoranthene	14.90	252	523128	39.859	ng		98
88) Benzo(k)fluoranthene	14.93	252	485039	39.337	ng	#	94
89) Benzo(a)pyrene	15.24	252	484075	41.663	ng		99
90) Dibenzo(a,h)anthracene	16.70	278	420666	44.473	ng		98
91) Benzo(g,h,i)perylene	17.10	276	455700	46.172	ng	#	93

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

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