Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097840.D
Acq On : 18 Aug 2017 18:39
Operator : SJ/JU
Sample : PB101580BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101580BS

Manual Integrations APPROVED
mohammad
8/21/2017 8:19:15 AM

Quant Time: Aug 19 21:44:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97220	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	389698	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	175030	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	346902	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	293266	20.00	ng		-0.01
86) Perylene-d12	15.36	264	262305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	800924	125.31	ng		0.00
7) Phenol-d6	6.41	99	1075491	123.84	ng		0.00
23) Nitrobenzene-d5	7.33	82	675085	94.11	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	204958	134.96	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	993034	83.36	ng		-0.01
78) Terphenyl-d14	12.88	244	933329	66.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	131282	36.830	ng		91
3) Pyridine	3.22	79	363481	36.886	ng		87
4) n-Nitrosodimethylamine	3.17	42	149187	39.346	ng		85
6) Aniline	6.43	93	269004	22.050	ng		97
8) 2-Chlorophenol	6.56	128	281723	41.795	ng		95
9) Benzaldehyde	6.32	77	100341	18.242	ng		87
10) Phenol	6.42	94	415969	40.955	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	312307	40.740	ng		97
12) 1,3-Dichlorobenzene	6.71	146	282831	39.009	ng	#	90
13) 1,4-Dichlorobenzene	6.79	146	290338	39.373	ng		94
14) 1,2-Dichlorobenzene	6.95	146	267456	39.335	ng		99
15) Benzyl Alcohol	6.92	79	289630	44.546	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	418014	40.528	ng		91
17) 2-Methylphenol	7.03	107	257631	43.372	ng		94
18) Hexachloroethane	7.29	117	116138	40.171	ng	#	83
19) n-Nitroso-di-n-propylamine	7.19	70	229346	38.579	ng		90
20) 3+4-Methylphenols	7.18	107	308124	42.470	ng	#	88
22) Acetophenone	7.18	105	411147	39.937	ng	#	92
24) Nitrobenzene	7.36	77	368271	46.107	ng		95
25) Isophorone	7.60	82	648203	43.456	ng		98
26) 2-Nitrophenol	7.67	139	141366	48.759	ng	#	70
27) 2,4-Dimethylphenol	7.71	122	259418	41.701	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	393532	40.130	ng		99
29) 2,4-Dichlorophenol	7.91	162	220447	42.690	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	228868	39.980	ng		99
31) Naphthalene	8.08	128	802134	39.648	ng		99
32) Benzoic acid	7.83	122	178123	40.459	ng		84
33) 4-Chloroaniline	8.13	127	133160	15.607	ng		99
34) Hexachlorobutadiene	8.20	225	129529	38.753	ng		97
35) Caprolactam	8.49	113	82602m	47.052	ng		
36) 4-Chloro-3-methylphenol	8.61	107	279396	42.111	ng	#	77
37) 2-Methylnaphthalene	8.77	142	525450	42.363	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	209398	38.982	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	257659	99.845	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	152542	42.298	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	162306	45.365	ng		95
45) 1,1'-Biphenyl	9.23	154	625385	39.182	ng		96
46) 2-Chloronaphthalene	9.26	162	461672	39.147	ng	#	91
47) 2-Nitroaniline	9.35	65	189763	47.998	ng		93
48) Acenaphthylene	9.67	152	760558	41.068	ng		99
49) Dimethylphthalate	9.54	163	535935	41.889	ng		98
50) 2,6-Dinitrotoluene	9.60	165	118067	46.231	ng	#	64
51) Acenaphthene	9.85	154	465555	39.859	ng		99
52) 3-Nitroaniline	9.76	138	83221	25.257	ng		93
53) 2,4-Dinitrophenol	9.87	184	119304	95.899	ng	#	76
54) Dibenzofuran	10.02	168	680118	43.447	ng		99
55) 4-Nitrophenol	9.93	139	226953	86.346	ng	#	37
56) 2,4-Dinitrotoluene	10.00	165	161509	50.393	ng	#	47
57) Fluorene	10.36	166	502321	41.505	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	135346	48.861	ng		95
59) Diethylphthalate	10.24	149	562630	42.052	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	229848	40.879	ng		89
61) 4-Nitroaniline	10.37	138	135366	43.226	ng	#	65
62) Azobenzene	10.51	77	704892	44.353	ng		92
64) 4,6-Dinitro-2-methylphenol	10.40	198	77033	47.275	ng	#	83
65) n-Nitrosodiphenylamine	10.47	169	462259	39.131	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	143353	39.794	ng		99
67) Hexachlorobenzene	10.90	284	141950	38.660	ng	#	85
68) Atrazine	11.00	200	142035	45.338	ng		98
69) Pentachlorophenol	11.10	266	166764	77.897	ng		99
70) Phenanthrene	11.32	178	754517	40.817	ng		100
71) Anthracene	11.37	178	786917	41.971	ng		99
72) Carbazole	11.53	167	742428	41.716	ng		98
73) Di-n-butylphthalate	11.86	149	892453	43.535	ng		99
74) Fluoranthene	12.50	202	829624	42.998	ng		99
76) Benzidine	12.63	184	220541m	22.936	ng		
77) Pyrene	12.73	202	860268	35.866	ng		98
79) Butylbenzylphthalate	13.36	149	393009	42.736	ng	#	69
80) Benzo(a)anthracene	13.92	228	680515	38.717	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	165596	27.920	ng	#	97
82) Chrysene	13.96	228	696323	39.825	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	458981	45.040	ng		98
84) Di-n-octyl phthalate	14.53	149	890255	50.209	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	631508	49.097	ng		94
87) Benzo(b)fluoranthene	14.95	252	685697	41.472	ng		97
88) Benzo(k)fluoranthene	14.98	252	621472	40.008	ng	#	93
89) Benzo(a)pyrene	15.30	252	635370	43.408	ng		99
90) Dibenzo(a,h)anthracene	16.78	278	514508	43.177	ng		96
91) Benzo(g,h,i)perylene	17.18	276	521377	41.933	ng	#	93

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

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