Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098010.D
Acq On : 24 Aug 2017 19:06
Operator : SJ/JU
Sample : I4925-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RWB-1MS

Manual Integrations APPROVED
Sohil
8/25/2017 5:40:08 PM

Quant Time: Aug 25 02:07:33 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	119870	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	468805	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	200275	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	386535	20.00	ng		0.00
75) Chrysene-d12	13.89	240	265792	20.00	ng		-0.01
86) Perylene-d12	15.30	264	241599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	935640	118.73	ng		0.00
7) Phenol-d6	6.38	99	1271589	118.76	ng		0.00
23) Nitrobenzene-d5	7.30	82	725143	84.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	203379	117.04	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	851676	62.48	ng		-0.01
78) Terphenyl-d14	12.84	244	648260	50.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	138800	31.582	ng		88
3) Pyridine	3.15	79	396949	32.671	ng		87
4) n-Nitrosodimethylamine	3.10	42	164905	35.274	ng		80
6) Aniline	6.40	93	432749	28.770	ng		97
8) 2-Chlorophenol	6.53	128	312901	37.649	ng		99
9) Benzaldehyde	6.29	77	179902	26.526	ng		89
10) Phenol	6.39	94	484913	38.722	ng		99
11) bis(2-Chloroethyl)ether	6.48	93	341106	36.089	ng		97
12) 1,3-Dichlorobenzene	6.68	146	307871	34.439	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	312912	34.416	ng		93
14) 1,2-Dichlorobenzene	6.91	146	289997	34.592	ng		100
15) Benzyl Alcohol	6.88	79	316412	39.470	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	443365	34.863	ng		90
17) 2-Methylphenol	7.00	107	285305	38.955	ng		96
18) Hexachloroethane	7.25	117	121319	34.034	ng	#	82
19) n-Nitroso-di-n-propylamine	7.16	70	244304	33.330	ng		91
20) 3+4-Methylphenols	7.15	107	342925	38.335	ng		95
22) Acetophenone	7.15	105	445870	36.002	ng	#	92
24) Nitrobenzene	7.32	77	398535	41.477	ng		92
25) Isophorone	7.56	82	684251	38.132	ng		96
26) 2-Nitrophenol	7.64	139	156885	45.388	ng	#	78
27) 2,4-Dimethylphenol	7.68	122	284561	38.024	ng		94
28) bis(2-Chloroethoxy)methane	7.77	93	428273	36.303	ng	#	97
29) 2,4-Dichlorophenol	7.88	162	238530	38.397	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	241445	35.060	ng		99
31) Naphthalene	8.05	128	870528	35.768	ng		100
32) Benzoic acid	7.75	122	12771	8.434	ng	#	83
33) 4-Chloroaniline	8.09	127	248244	24.185	ng		98
34) Hexachlorobutadiene	8.16	225	137438	34.181	ng		98
35) Caprolactam	8.46	113	84040m	39.793	ng		
36) 4-Chloro-3-methylphenol	8.58	107	294399	36.885	ng	#	81
37) 2-Methylnaphthalene	8.73	142	552078	36.999	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	221186	35.986	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	182420	61.779	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	158101	38.313	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	168493	41.158	ng		95
45) 1,1'-Biphenyl	9.20	154	639028	34.990	ng		96
46) 2-Chloronaphthalene	9.22	162	479209	35.512	ng	#	92
47) 2-Nitroaniline	9.32	65	198691	43.921	ng		98
48) Acenaphthylene	9.64	152	776977	36.666	ng		99
49) Dimethylphthalate	9.50	163	738985	50.479	ng		100
50) 2,6-Dinitrotoluene	9.56	165	121212	41.480	ng	#	55
51) Acenaphthene	9.81	154	463877	34.709	ng		99
52) 3-Nitroaniline	9.73	138	119222	31.622	ng		83
53) 2,4-Dinitrophenol	9.83	184	13055	18.343	ng	#	78
54) Dibenzofuran	9.98	168	689748	38.508	ng		100
55) 4-Nitrophenol	9.90	139	221987	73.811	ng	#	39
56) 2,4-Dinitrotoluene	9.97	165	160720	43.826	ng	#	66
57) Fluorene	10.32	166	503778	36.378	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	135141	42.637	ng		94
59) Diethylphthalate	10.20	149	556183	36.330	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	228569	35.528	ng		89
61) 4-Nitroaniline	10.35	138	140962	39.339	ng		77
62) Azobenzene	10.47	77	679893	37.388	ng		93
64) 4,6-Dinitro-2-methylphenol	10.37	198	30011	21.941	ng		91
65) n-Nitrosodiphenylamine	10.43	169	472057	35.863	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	142039	35.387	ng		98
67) Hexachlorobenzene	10.87	284	137721	33.662	ng	#	86
68) Atrazine	10.96	200	135267	38.750	ng		97
69) Pentachlorophenol	11.06	266	149699	62.756	ng		98
70) Phenanthrene	11.28	178	754158	36.614	ng		99
71) Anthracene	11.33	178	772190	36.962	ng		99
72) Carbazole	11.49	167	745786	37.608	ng		98
73) Di-n-butylphthalate	11.82	149	842176	36.870	ng		99
74) Fluoranthene	12.47	202	795085	36.983	ng		98
76) Benzidine	12.59	184	373270	42.832	ng	#	92
77) Pyrene	12.69	202	805707	37.063	ng		99
79) Butylbenzylphthalate	13.32	149	351701	42.197	ng	#	70
80) Benzo(a)anthracene	13.87	228	563521	35.375	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	185969	34.596	ng	#	95
82) Chrysene	13.92	228	553894	34.953	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	409489	44.337	ng		99
84) Di-n-octyl phthalate	14.49	149	719402	44.767	ng		98
85) Indeno(1,2,3-cd)pyrene	16.68	276	539017	46.238	ng		94
87) Benzo(b)fluoranthene	14.90	252	561591	36.877	ng		99
88) Benzo(k)fluoranthene	14.93	252	455763	31.855	ng	#	95
89) Benzo(a)pyrene	15.24	252	495705	36.769	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	440561	40.140	ng		97
91) Benzo(g,h,i)perylene	17.09	276	446704	39.006	ng		95

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

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