Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085504.D
Acq On : 17 Mar 2016 21:19
Operator : UM/SJ
Sample : PB88925BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88925BS

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:10 AM

Quant Time: Mar 18 02:38:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	144965	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	597118	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	274188	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	482436	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	308611	20.00	ng		-0.05
86) Perylene-d12	15.48	264	261488	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1054106	124.99	ng		-0.02
7) Phenol-d6	6.52	99	1380143	126.16	ng		-0.03
23) Nitrobenzene-d5	7.44	82	826914	81.88	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	302786	119.90	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1561397	98.79	ng		-0.03
78) Terphenyl-d14	12.99	244	1216746	89.19	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	148523	35.29	ng		97
3) Pyridine	3.30	79	419933	42.04	ng		97
4) n-Nitrosodimethylamine	3.25	42	175963	38.14	ng		95
6) Aniline	6.54	93	350661	23.22	ng		98
8) 2-Chlorophenol	6.66	128	445018	45.01	ng		94
9) Benzaldehyde	6.42	77	88787	14.54	ng		87
10) Phenol	6.53	94	596868	48.67	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	425715	45.15	ng		94
12) 1,3-Dichlorobenzene	6.81	146	427551m	39.01	ng		
13) 1,4-Dichlorobenzene	6.89	146	447250	40.74	ng		97
14) 1,2-Dichlorobenzene	7.05	146	410251	42.58	ng		93
15) Benzyl Alcohol	7.02	79	335720	42.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	509990	39.72	ng		98
17) 2-Methylphenol	7.13	107	347195	41.94	ng		96
18) Hexachloroethane	7.38	117	163845	40.69	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	266067	40.61	ng	#	92
20) 3+4-Methylphenols	7.29	107	435086	49.03	ng	#	80
22) Acetophenone	7.29	105	542696	37.09	ng	#	96
24) Nitrobenzene	7.46	77	487780	42.87	ng		92
25) Isophorone	7.70	82	839659	40.77	ng		97
26) 2-Nitrophenol	7.78	139	228083	41.84	ng		99
27) 2,4-Dimethylphenol	7.82	122	424533	43.79	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	492293	39.98	ng		100
29) 2,4-Dichlorophenol	8.02	162	365451	46.46	ng		95
30) 1,2,4-Trichlorobenzene	8.10	180	360761	39.70	ng		99
31) Naphthalene	8.18	128	1175421	40.29	ng		99
32) Benzoic acid	7.94	122	275347	49.38	ng		97
33) 4-Chloroaniline	8.23	127	131997	10.52	ng		96
34) Hexachlorobutadiene	8.30	225	182184	38.35	ng		98
35) Caprolactam	8.61	113	114700m	44.66	ng		
36) 4-Chloro-3-methylphenol	8.72	107	392246	43.67	ng		97
37) 2-Methylnaphthalene	8.88	142	846752	45.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	303691	35.61	ng		98
40) Hexachlorocyclopentadiene	9.03	237	290078	70.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	239514	42.53	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	252402	44.37	ng		95
45) 1,1'-Biphenyl	9.34	154	889391	39.74	ng		98
46) 2-Chloronaphthalene	9.37	162	726539	43.33	ng		97
47) 2-Nitroaniline	9.46	65	242925	47.84	ng	#	84
48) Acenaphthylene	9.78	152	1172825	43.23	ng		99
49) Dimethylphthalate	9.65	163	869370	43.46	ng		99
50) 2,6-Dinitrotoluene	9.70	165	174275	39.43	ng		88
51) Acenaphthene	9.96	154	774162	45.39	ng		99
52) 3-Nitroaniline	9.88	138	138798	26.26	ng		100
53) 2,4-Dinitrophenol	9.98	184	155636	65.65	ng	#	62
54) Dibenzofuran	10.13	168	992629	47.38	ng		99
55) 4-Nitrophenol	10.04	139	310406	85.34	ng	#	77
56) 2,4-Dinitrotoluene	10.12	165	270112	48.73	ng	#	76
57) Fluorene	10.47	166	767890	45.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	182334	46.68	ng		96
59) Diethylphthalate	10.34	149	841655	43.46	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	343405	40.00	ng		99
61) 4-Nitroaniline	10.49	138	207500	41.76	ng		91
62) Azobenzene	10.62	77	875917	45.55	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	102918	35.71	ng	#	54
65) n-Nitrosodiphenylamine	10.58	169	707421	47.58	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	218204	44.69	ng		97
67) Hexachlorobenzene	11.02	284	236895	47.02	ng		98
68) Atrazine	11.11	200	241256	56.71	ng		95
69) Pentachlorophenol	11.21	266	269416	100.89	ng		99
70) Phenanthrene	11.43	178	1130634	45.00	ng		99
71) Anthracene	11.48	178	1117105	43.65	ng		99
72) Carbazole	11.64	167	1020259	47.11	ng		100
73) Di-n-butylphthalate	11.97	149	1336365	49.81	ng		98
74) Fluoranthene	12.62	202	1104702	46.77	ng		95
76) Benzidine	12.73	184	345572	36.05	ng		99
77) Pyrene	12.85	202	1117344	48.27	ng		98
79) Butylbenzylphthalate	13.47	149	522478	51.63	ng	#	69
80) Benzo(a)anthracene	14.03	228	758985	42.90	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	160257	26.76	ng	#	98
82) Chrysene	14.06	228	720253	45.25	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	651150	52.74	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1111350	61.66	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	754881	50.03	ng		97
87) Benzo(b)fluoranthene	15.07	252	789306m	46.22	ng		
88) Benzo(k)fluoranthene	15.09	252	541083m	40.45	ng		
89) Benzo(a)pyrene	15.42	252	656195	44.48	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	638411	44.30	ng		98
91) Benzo(g,h,i)perylene	17.32	276	626599	42.57	ng		100

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

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