Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050317\
Data File : BF094844.D
Acq On : 3 May 2017 20:34
Operator : SJ/MA
Sample : I2914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP(0-7)MSD

Manual Integrations APPROVED
mohammad
5/4/2017 3:34:47 PM

Quant Time: May 12 18:03:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	96203	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	390736	20.00	ng		0.00
38) Acenaphthene-d10	12.57	164	100537	20.00	ng		-0.01
63) Phenanthrene-d10	14.98	188	300783	20.00	ng		0.00
75) Chrysene-d12	18.64	240	112673	20.00	ng		-0.02
86) Perylene-d12	20.31	264	2367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	808891	140.18	ng		0.02
7) Phenol-d6	7.28	99	717569	103.64	ng		0.00
23) Nitrobenzene-d5	8.63	82	604882	97.62	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	239015	290.29	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1188379	170.13	ng		0.00
78) Terphenyl-d14	17.31	244	1023262	200.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	101667	35.93	ng	#	83
3) Pyridine	3.06	79	43014m	6.56	ng		
4) n-Nitrosodimethylamine	2.82	42	84418	30.88	ng		85
8) 2-Chlorophenol	7.42	128	311557	47.44	ng		95
9) Benzaldehyde	7.05	77	57896	13.69	ng		99
10) Phenol	7.30	94	278751	38.21	ng		88
11) bis(2-Chloroethyl)ether	7.37	93	270306	44.88	ng		95
12) 1,3-Dichlorobenzene	7.64	146	299566	40.21	ng		98
13) 1,4-Dichlorobenzene	7.76	146	305006	40.37	ng		98
14) 1,2-Dichlorobenzene	8.00	146	294570	41.77	ng		96
15) Benzyl Alcohol	8.05	79	21131m	4.75	ng		
16) 2,2'-oxybis(1-Chloropropan	8.22	45	362805	42.56	ng		71
17) 2-Methylphenol	8.22	107	188479	35.07	ng	#	82
18) Hexachloroethane	8.51	117	101810	39.78	ng	#	86
19) n-Nitroso-di-n-propylamine	8.44	70	183430	39.17	ng		94
20) 3+4-Methylphenols	8.48	107	259545	35.54	ng	#	56
22) Acetophenone	8.40	105	444088	47.37	ng	#	84
24) Nitrobenzene	8.66	77	315322	48.55	ng		93
25) Isophorone	9.06	82	520670	47.06	ng	#	94
26) 2-Nitrophenol	9.17	139	164904	47.05	ng		96
27) 2,4-Dimethylphenol	9.30	122	209558	36.98	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	72984	9.54	ng		99
29) 2,4-Dichlorophenol	9.58	162	274740	51.35	ng		98
30) 1,2,4-Trichlorobenzene	9.67	180	248427	43.34	ng		99
31) Naphthalene	9.78	128	865028	44.05	ng		99
32) Benzoic acid	9.62	122	193657	51.63	ng		94
34) Hexachlorobutadiene	10.00	225	126105	41.70	ng		98
35) Caprolactam	10.61	113	44133m	27.47	ng		
36) 4-Chloro-3-methylphenol	10.77	107	247466	43.26	ng		90
37) 2-Methylnaphthalene	10.91	142	584721	45.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	237722	76.89	ng		99
40) Hexachlorocyclopentadiene	11.17	237	209280	154.88	ng		98
42) 2,4,6-Trichlorophenol	11.40	196	189097	91.60	ng		98
43) 2,4,5-Trichlorophenol	11.48	196	197011	88.80	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	11.68	154	703074	83.06	ng		98
46) 2-Chloronaphthalene	11.69	162	560628	82.03	ng		96
47) 2-Nitroaniline	11.90	65	36047	19.27	ng	#	83
48) Acenaphthylene	12.34	152	289102	27.01	ng		98
49) Dimethylphthalate	12.22	163	629413	76.26	ng		100
50) 2,6-Dinitrotoluene	12.31	165	159150	94.52	ng		96
51) Acenaphthene	12.62	154	343408	53.71	ng		98
52) 3-Nitroaniline	12.58	138	15747	8.71	ng	#	85
53) 2,4-Dinitrophenol	12.77	184	176253	181.45	ng	#	72
54) Dibenzofuran	12.92	168	845908	95.60	ng		98
55) 4-Nitrophenol	12.95	139	196345	180.88	ng	#	79
56) 2,4-Dinitrotoluene	12.97	165	215821	99.75	ng	#	87
57) Fluorene	13.47	166	642983	83.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	153105	109.65	ng		95
59) Diethylphthalate	13.37	149	603105	76.24	ng		98
60) 4-Chlorophenyl-phenylether	13.50	204	305840	90.45	ng		90
61) 4-Nitroaniline	13.57	138	20701	12.48	ng		95
62) Azobenzene	13.75	77	145004	22.81	ng		95
64) 4,6-Dinitro-2-methylphenol	13.62	198	120775	59.90	ng	#	71
66) 4-Bromophenyl-phenylether	14.28	248	172373	54.24	ng		99
67) Hexachlorobenzene	14.37	284	168269	51.67	ng	#	89
69) Pentachlorophenol	14.71	266	182368	120.64	ng		97
70) Phenanthrene	15.02	178	905052	52.37	ng		98
71) Anthracene	15.09	178	714151	40.45	ng		99
73) Di-n-butylphthalate	15.95	149	908618	45.36	ng		98
74) Fluoranthene	16.75	202	656757	37.05	ng		98
77) Pyrene	17.05	202	276267	32.78	ng		100
79) Butylbenzylphthalate	17.95	149	51194	13.06	ng	#	86
80) Benzo(a)anthracene	18.62	228	377364	57.55	ng		99
82) Chrysene	18.67	228	478220	75.42	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	566115	101.37	ng	#	98
84) Di-n-octyl phthalate	19.48	149	820795	89.65	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	73475	14.27	ng	#	85
87) Benzo(b)fluoranthene	19.89	252	278478	1903.99	ng		99
88) Benzo(k)fluoranthene	19.92	252	114624	812.46	ng	#	95
89) Benzo(a)pyrene	20.25	252	74516	552.13	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	152319	1366.56	ng		97
91) Benzo(g,h,i)perylene	21.97	276	71039	649.46	ng		98

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

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