Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
Data File : BF094486.D
Acq On : 18 Apr 2017 14:51
Operator : SJ/MA
Sample : I2695-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 49C-9-11MS

Manual Integrations APPROVED
mohammad
4/19/2017 1:33:03 PM

Quant Time: Apr 19 06:59:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	127592	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	535066	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	246429	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	457222	20.00	ng		0.00
75) Chrysene-d12	14.47	240	335333	20.00	ng		0.00
86) Perylene-d12	16.09	264	247563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	757374	98.48	ng		0.03
7) Phenol-d6	5.41	99	922539	101.75	ng		0.01
23) Nitrobenzene-d5	6.42	82	614046	70.86	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	208933	108.39	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1058540	63.20	ng		0.00
78) Terphenyl-d14	13.20	244	988783	78.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	107377	24.01	ng		98
3) Pyridine	2.65	79	255556	26.14	ng		100
4) n-Nitrosodimethylamine	2.60	42	132979	32.88	ng		90
6) Aniline	5.40	93	314485	26.10	ng	#	89
8) 2-Chlorophenol	5.55	128	300728	34.36	ng		93
9) Benzaldehyde	5.27	77	57228	8.30	ng		94
10) Phenol	5.42	94	374389	33.61	ng		90
11) bis(2-Chloroethyl)ether	5.48	93	268895	33.05	ng		99
12) 1,3-Dichlorobenzene	5.71	146	313942	32.38	ng		99
13) 1,4-Dichlorobenzene	5.80	146	319529	32.76	ng		99
14) 1,2-Dichlorobenzene	5.97	146	308708	34.36	ng		98
15) Benzyl Alcohol	5.95	79	242002	35.98	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	388318	36.40	ng		89
17) 2-Methylphenol	6.10	107	246439	35.76	ng		94
18) Hexachloroethane	6.35	117	112792	33.73	ng	#	85
19) n-Nitroso-di-n-propylamine	6.26	70	215926	35.94	ng		97
20) 3+4-Methylphenols	6.28	107	345362	36.88	ng	#	63
22) Acetophenone	6.25	105	428033	32.90	ng	#	85
24) Nitrobenzene	6.44	77	295523	32.39	ng		95
25) Isophorone	6.73	82	570795	35.53	ng		97
26) 2-Nitrophenol	6.82	139	164409	33.54	ng		97
27) 2,4-Dimethylphenol	6.90	122	256902	32.26	ng		99
28) bis(2-Chloroethoxy)methane	7.00	93	363876	35.02	ng		99
29) 2,4-Dichlorophenol	7.12	162	265031	35.78	ng		99
30) 1,2,4-Trichlorobenzene	7.21	180	254914	33.28	ng		99
31) Naphthalene	7.30	128	866538	33.69	ng		100
32) Benzoic acid	7.01	122	24337m	5.78	ng		
33) 4-Chloroaniline	7.37	127	241299	22.55	ng	#	94
34) Hexachlorobutadiene	7.45	225	122695	32.13	ng		98
35) Caprolactam	7.81	113	77468m	33.29	ng		
36) 4-Chloro-3-methylphenol	7.99	107	255592	32.92	ng		88
37) 2-Methylnaphthalene	8.14	142	577085	32.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	220796	31.46	ng		99
40) Hexachlorocyclopentadiene	8.33	237	186216	65.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	161311	32.73	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	167974	33.19	ng		95
45) 1,1'-Biphenyl	8.71	154	650284	32.30	ng		98
46) 2-Chloronaphthalene	8.72	162	524389	32.76	ng		94
47) 2-Nitroaniline	8.86	65	156851	34.06	ng	#	85
48) Acenaphthylene	9.23	152	851408	34.12	ng		98
49) Dimethylphthalate	9.11	163	1108159	60.34	ng		98
50) 2,6-Dinitrotoluene	9.17	165	151949	36.86	ng		92
51) Acenaphthene	9.44	154	519379	34.75	ng		100
52) 3-Nitroaniline	9.37	138	134180	28.13	ng		92
53) 2,4-Dinitrophenol	9.51	184	76205	37.38	ng	#	64
54) Dibenzofuran	9.65	168	758914	34.93	ng		99
55) 4-Nitrophenol	9.63	139	236022	70.05	ng	#	76
56) 2,4-Dinitrotoluene	9.66	165	189690	37.50	ng	#	73
57) Fluorene	10.08	166	601276	35.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	135902	37.47	ng		95
59) Diethylphthalate	9.97	149	639872	36.93	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	254758	36.18	ng		92
61) 4-Nitroaniline	10.12	138	160090	33.02	ng		96
62) Azobenzene	10.28	77	608030	36.14	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	82727	27.62	ng	#	68
65) n-Nitrosodiphenylamine	10.24	169	541881	34.08	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	156459	34.46	ng		96
67) Hexachlorobenzene	10.75	284	154079	33.68	ng	#	91
68) Atrazine	10.91	200	168257	35.37	ng		98
69) Pentachlorophenol	11.01	266	127729	70.31	ng		98
70) Phenanthrene	11.25	178	877886	34.10	ng		97
71) Anthracene	11.31	178	913619	34.30	ng		98
72) Carbazole	11.52	167	856998	34.28	ng		99
73) Di-n-butylphthalate	11.97	149	1024210	37.21	ng		99
74) Fluoranthene	12.71	202	901340	33.78	ng		98
76) Benzidine	12.88	184	105145	7.74	ng	#	92
77) Pyrene	12.98	202	909433	38.82	ng		99
79) Butylbenzylphthalate	13.81	149	407341	39.67	ng	#	84
80) Benzo(a)anthracene	14.45	228	669469	34.35	ng		98
81) 3,3'-Dichlorobenzidine	14.43	252	161622	23.42	ng		98
82) Chrysene	14.50	228	614196	34.48	ng		98
83) Bis(2-ethylhexyl)phthalate	14.52	149	551048	39.97	ng	#	98
84) Di-n-octyl phthalate	15.28	149	793705	34.32	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	578196	34.11	ng		99
87) Benzo(b)fluoranthene	15.69	252	500000	33.02	ng		98
88) Benzo(k)fluoranthene	15.72	252	496541	34.65	ng		96
89) Benzo(a)pyrene	16.03	252	480720	34.12	ng		98
90) Dibenzo(a,h)anthracene	17.38	278	484554	41.42	ng		99
91) Benzo(g,h,i)perylene	17.74	276	499776	41.96	ng		97

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

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