Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096111.D
Acq On : 22 Jun 2017 7:29
Operator : SJ/MA
Sample : I3747-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-R9-BASE-02MS

Quant Time: Jun 22 10:53:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	87021	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	349915	20.00	ng		0.00
38) Acenaphthene-d10	12.15	164	111091	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	180820	20.00	ng		0.00
75) Chrysene-d12	18.27	240	145267	20.00	ng		0.00
86) Perylene-d12	19.94	264	100822	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	748195	137.00	ng		0.01
7) Phenol-d6	6.88	99	893350	136.64	ng		0.00
23) Nitrobenzene-d5	8.22	82	481879	85.53	ng		0.00
41) 2,4,6-Tribromophenol	13.44	330	123534	125.68	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	735770	92.17	ng		0.00
78) Terphenyl-d14	16.92	244	532175	90.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.65	88	97850	37.66	ng		93
3) Pyridine	2.19	79	220675	36.14	ng		95
4) n-Nitrosodimethylamine	2.16	42	92113	39.68	ng		82
6) Aniline	6.80	93	122470	14.32	ng		95
8) 2-Chlorophenol	6.98	128	259146	44.63	ng		95
9) Benzaldehyde	6.62	77	67399	15.28	ng		100
10) Phenol	6.89	94	338587	49.92	ng		92
11) bis(2-Chloroethyl)ether	6.94	93	237629	44.23	ng		97
12) 1,3-Dichlorobenzene	7.19	146	233621	35.55	ng		99
13) 1,4-Dichlorobenzene	7.32	146	251028	37.66	ng		96
14) 1,2-Dichlorobenzene	7.55	146	216764	35.28	ng		96
15) Benzyl Alcohol	7.61	79	201025	44.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.80	45	287623	38.10	ng		96
17) 2-Methylphenol	7.85	107	209693	43.03	ng		93
18) Hexachloroethane	8.06	117	51139	23.23	ng	#	84
19) n-Nitroso-di-n-propylamine	8.03	70	159602	38.52	ng		94
20) 3+4-Methylphenols	8.12	107	271055	43.82	ng	#	59
22) Acetophenone	7.99	105	316193	38.61	ng	#	84
24) Nitrobenzene	8.25	77	224255	37.26	ng		94
25) Isophorone	8.65	82	438263	41.66	ng		96
26) 2-Nitrophenol	8.76	139	84188	26.71	ng		100
27) 2,4-Dimethylphenol	8.92	122	216512	44.27	ng		97
28) bis(2-Chloroethoxy)methane	9.03	93	300515	43.33	ng		99
29) 2,4-Dichlorophenol	9.20	162	179129	38.03	ng		96
30) 1,2,4-Trichlorobenzene	9.26	180	178621	36.44	ng		99
31) Naphthalene	9.36	128	664722	37.85	ng		100
33) 4-Chloroaniline	9.53	127	53871	7.85	ng		95
34) Hexachlorobutadiene	9.57	225	75445	29.79	ng		97
35) Caprolactam	10.13	113	44423	31.69	ng		90
36) 4-Chloro-3-methylphenol	10.41	107	162056	32.87	ng		88
37) 2-Methylnaphthalene	10.49	142	368849	31.09	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	134111	40.34	ng		99
42) 2,4,6-Trichlorophenol	11.01	196	90366	42.27	ng		94
43) 2,4,5-Trichlorophenol	11.12	196	91304	40.16	ng	#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	11.25	154	385755	42.13	ng		97
46) 2-Chloronaphthalene	11.27	162	291270	40.71	ng		95
47) 2-Nitroaniline	11.50	65	96926	46.30	ng	#	81
48) Acenaphthylene	11.92	152	436025	35.64	ng		99
49) Dimethylphthalate	11.82	163	613735	72.76	ng		98
50) 2,6-Dinitrotoluene	11.91	165	65635	35.68	ng	#	69
51) Acenaphthene	12.20	154	260158	36.82	ng		98
52) 3-Nitroaniline	12.18	138	75483	35.21	ng	#	83
54) Dibenzofuran	12.49	168	394336	39.66	ng		99
55) 4-Nitrophenol	12.66	139	50417	42.58	ng	#	78
56) 2,4-Dinitrotoluene	12.59	165	82721	33.29	ng		89
57) Fluorene	13.04	166	304460	35.18	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	59632	38.33	ng	#	89
59) Diethylphthalate	12.95	149	337954	41.63	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	140319	37.29	ng		89
61) 4-Nitroaniline	13.18	138	95878	47.91	ng		96
62) Azobenzene	13.32	77	281732	38.30	ng		95
65) n-Nitrosodiphenylamine	13.28	169	271942	41.85	ng		99
66) 4-Bromophenyl-phenylether	13.84	248	73926	39.34	ng		99
67) Hexachlorobenzene	13.93	284	72230	39.01	ng	#	88
68) Atrazine	14.20	200	73633	40.72	ng		96
69) Pentachlorophenol	14.32	266	26101	40.71	ng		94
70) Phenanthrene	14.57	178	422034	40.45	ng		99
71) Anthracene	14.66	178	421648	38.71	ng		98
72) Carbazole	14.97	167	424930	40.03	ng		96
73) Di-n-butylphthalate	15.56	149	484647	42.92	ng		98
74) Fluoranthene	16.36	202	461819	44.72	ng		98
76) Benzidine	16.60	184	157736	28.27	ng	#	92
77) Pyrene	16.67	202	471124	43.47	ng		98
79) Butylbenzylphthalate	17.59	149	215822	45.59	ng		88
80) Benzo(a)anthracene	18.26	228	341983	40.49	ng		98
81) 3,3'-Dichlorobenzidine	18.24	252	84676	28.20	ng	#	97
82) Chrysene	18.30	228	325672	38.58	ng		98
83) Bis(2-ethylhexyl)phthalate	18.34	149	308699	46.23	ng	#	100
84) Di-n-octyl phthalate	19.11	149	500233	45.46	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	222852	30.86	ng		99
87) Benzo(b)fluoranthene	19.54	252	261303	41.39	ng		98
88) Benzo(k)fluoranthene	19.56	252	241199	39.97	ng		96
89) Benzo(a)pyrene	19.89	252	228558	39.39	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	186534	37.90	ng		98
91) Benzo(g,h,i)perylene	21.43	276	183643	36.60	ng		99

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

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