Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094033.D
Acq On : 29 Mar 2017 22:02
Operator : SJ/MA
Sample : I2431-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-T11-BASEMS

Manual Integrations APPROVED
mohammad
3/30/2017 2:32:53 PM

Quant Time: Mar 30 04:12:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	164519	20.00	ng		-0.03
21) Naphthalene-d8	7.42	136	660856	20.00	ng		-0.04
38) Acenaphthene-d10	9.57	164	291770	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	492169	20.00	ng		-0.03
75) Chrysene-d12	14.64	240	333029	20.00	ng		-0.04
86) Perylene-d12	16.27	264	272667	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1071833	110.04	ng		-0.02
7) Phenol-d6	5.53	99	1440398	119.54	ng		-0.02
23) Nitrobenzene-d5	6.57	82	958247	82.75	ng		-0.03
41) 2,4,6-Tribromophenol	10.54	330	253904	110.12	ng		-0.04
44) 2-Fluorobiphenyl	8.75	172	1620170	84.70	ng		-0.03
78) Terphenyl-d14	13.37	244	1164708	78.39	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	153580	32.82	ng		97
3) Pyridine	2.80	79	422918	33.16	ng		99
4) n-Nitrosodimethylamine	2.77	42	206234	39.30	ng		91
6) Aniline	5.55	93	210696	12.57	ng	#	28
8) 2-Chlorophenol	5.69	128	433050	40.45	ng		95
9) Benzaldehyde	5.41	77	120289	14.78	ng		98
10) Phenol	5.54	94	519217	37.86	ng		99
11) bis(2-Chloroethyl)ether	5.63	93	429340	40.07	ng		97
12) 1,3-Dichlorobenzene	5.86	146	482607	40.19	ng		98
13) 1,4-Dichlorobenzene	5.94	146	485210	39.89	ng		97
14) 1,2-Dichlorobenzene	6.12	146	455247	40.64	ng		97
15) Benzyl Alcohol	6.09	79	384240	43.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.25	45	607480	36.79	ng		97
17) 2-Methylphenol	6.23	107	332106	36.22	ng		98
18) Hexachloroethane	6.51	117	170244	39.82	ng	#	85
19) n-Nitroso-di-n-propylamine	6.41	70	310839	40.14	ng		98
20) 3+4-Methylphenols	6.41	107	430410	38.76	ng	#	63
22) Acetophenone	6.39	105	666414	45.25	ng	#	87
24) Nitrobenzene	6.59	77	464989	40.71	ng		96
25) Isophorone	6.88	82	836492	41.11	ng		96
26) 2-Nitrophenol	6.97	139	255980	47.00	ng		98
27) 2,4-Dimethylphenol	7.03	122	327224	34.87	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	546290	40.71	ng		99
29) 2,4-Dichlorophenol	7.26	162	375567	42.80	ng		98
30) 1,2,4-Trichlorobenzene	7.36	180	375923	41.60	ng		98
31) Naphthalene	7.45	128	1300692	40.93	ng		100
32) Benzoic acid	7.16	122	90617	14.50	ng		94
33) 4-Chloroaniline	7.52	127	149914	11.64	ng	#	93
34) Hexachlorobutadiene	7.61	225	188851	40.75	ng		99
35) Caprolactam	7.96	113	128026m	45.75	ng		
36) 4-Chloro-3-methylphenol	8.13	107	387880	42.30	ng		91
37) 2-Methylnaphthalene	8.29	142	897050	42.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	325418	40.77	ng		99
40) Hexachlorocyclopentadiene	8.49	237	257937	69.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	248749	44.05	ng		98
43) 2,4,5-Trichlorophenol	8.70	196	253552	41.50	ng		93
45) 1,1'-Biphenyl	8.87	154	980172	41.65	ng		98
46) 2-Chloronaphthalene	8.89	162	769144	41.75	ng		95
47) 2-Nitroaniline	9.02	65	228417	41.80	ng	#	82
48) Acenaphthylene	9.40	152	1216722	39.74	ng		98
49) Dimethylphthalate	9.26	163	967683	46.66	ng		100
50) 2,6-Dinitrotoluene	9.32	165	203221	42.74	ng		92
51) Acenaphthene	9.61	154	714444	39.99	ng		99
52) 3-Nitroaniline	9.52	138	135463	24.26	ng		84
53) 2,4-Dinitrophenol	9.65	184	112180	46.18	ng	#	73
54) Dibenzofuran	9.82	168	1028716	42.30	ng		99
55) 4-Nitrophenol	9.76	139	322747	73.82	ng	#	68
56) 2,4-Dinitrotoluene	9.82	165	249834	41.83	ng	#	76
57) Fluorene	10.25	166	778347	38.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	183283	43.72	ng		97
59) Diethylphthalate	10.13	149	861538	42.03	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	335493	39.05	ng		90
61) 4-Nitroaniline	10.28	138	200646	37.45	ng		98
62) Azobenzene	10.45	77	817894	42.18	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	105896	35.13	ng	#	74
65) n-Nitrosodiphenylamine	10.40	169	688048	40.42	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	204295	42.21	ng		94
67) Hexachlorobenzene	10.92	284	204602	41.76	ng	#	91
68) Atrazine	11.07	200	217327	42.63	ng		97
69) Pentachlorophenol	11.17	266	205839	67.49	ng		98
70) Phenanthrene	11.42	178	1171050	42.77	ng		99
71) Anthracene	11.49	178	1135238	40.27	ng		98
72) Carbazole	11.69	167	1056912	36.56	ng		98
73) Di-n-butylphthalate	12.14	149	1289006	42.88	ng		98
74) Fluoranthene	12.89	202	1112550	39.68	ng		99
76) Benzidine	13.05	184	37311	2.83	ng		93
77) Pyrene	13.16	202	1143298	47.30	ng		99
79) Butylbenzylphthalate	13.98	149	514343	49.95	ng		89
80) Benzo(a)anthracene	14.63	228	797859	41.08	ng		100
81) 3,3'-Dichlorobenzidine	14.60	252	145953	21.03	ng	#	96
82) Chrysene	14.67	228	710142	39.41	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	707839	50.38	ng	#	98
84) Di-n-octyl phthalate	15.44	149	1103398	47.01	ng		97
85) Indeno(1,2,3-cd)pyrene	17.63	276	615451	39.43	ng		99
87) Benzo(b)fluoranthene	15.87	252	673122	40.27	ng		98
88) Benzo(k)fluoranthene	15.90	252	577915	35.34	ng	#	95
89) Benzo(a)pyrene	16.22	252	589370	38.29	ng		98
90) Dibenzo(a,h)anthracene	17.66	278	518247	39.76	ng		98
91) Benzo(g,h,i)perylene	18.04	276	500765	38.12	ng		96

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

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