Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093529.D
Acq On : 10 Mar 2017 18:33
Operator : SJ/MA
Sample : I2172-21MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-38MSD

Manual Integrations APPROVED
mohammad
3/13/2017 5:28:51 PM

Quant Time: Mar 11 03:47:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	200115	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	781125	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	364930	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	692614	20.00	ng		-0.02
75) Chrysene-d12	13.91	240	529449	20.00	ng		-0.01
86) Perylene-d12	15.31	264	399714	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1525239	126.85	ng		0.02
7) Phenol-d6	6.42	99	1894323	124.94	ng		0.01
23) Nitrobenzene-d5	7.33	82	1344269	95.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	356180	149.81	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	2001477	102.01	ng		-0.03
78) Terphenyl-d14	12.85	244	1618683	79.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	245931	37.13	ng	#	72
3) Pyridine	3.17	79	309127m	18.31	ng		
4) n-Nitrosodimethylamine	3.04	42	332085	41.18	ng		82
6) Aniline	6.44	93	215338	10.35	ng	#	49
8) 2-Chlorophenol	6.55	128	572103	42.47	ng		96
9) Benzaldehyde	6.31	77	61121	4.50	ng		98
10) Phenol	6.44	94	729275	39.25	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	637454	42.45	ng		99
12) 1,3-Dichlorobenzene	6.69	146	622605	40.38	ng		98
13) 1,4-Dichlorobenzene	6.76	146	621894	39.39	ng		98
14) 1,2-Dichlorobenzene	6.92	146	551184	39.42	ng		98
15) Benzyl Alcohol	6.92	79	469626	43.45	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1069764	42.88	ng		95
17) 2-Methylphenol	7.04	107	498523	43.75	ng		97
18) Hexachloroethane	7.25	117	215842	40.54	ng		93
19) n-Nitroso-di-n-propylamine	7.18	70	512357	49.15	ng		97
20) 3+4-Methylphenols	7.20	107	671389	45.43	ng	#	70
22) Acetophenone	7.17	105	865350	46.04	ng		97
24) Nitrobenzene	7.34	77	674422	42.62	ng		99
25) Isophorone	7.58	82	1260112	44.39	ng		96
26) 2-Nitrophenol	7.66	139	343758	47.62	ng		93
27) 2,4-Dimethylphenol	7.72	122	540611	46.03	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	766329	42.76	ng		98
29) 2,4-Dichlorophenol	7.92	162	536674	48.58	ng		92
30) 1,2,4-Trichlorobenzene	7.98	180	511508	43.54	ng		98
31) Naphthalene	8.05	128	1595636	40.76	ng		99
32) Benzoic acid	7.88	122	267036	43.76	ng		97
33) 4-Chloroaniline	8.15	127	175195	11.03	ng		96
34) Hexachlorobutadiene	8.16	225	258269	42.68	ng		100
35) Caprolactam	8.50	113	136920m	36.29	ng		
36) 4-Chloro-3-methylphenol	8.63	107	540423	45.83	ng		97
37) 2-Methylnaphthalene	8.74	142	1160191	46.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	474679	47.64	ng		99
40) Hexachlorocyclopentadiene	8.88	237	274034	104.61	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	338918	54.44	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	291816m	43.68	ng		
45) 1,1'-Biphenyl	9.20	154	1282365	48.24	ng		97
46) 2-Chloronaphthalene	9.22	162	1066248	52.40	ng		95
47) 2-Nitroaniline	9.35	65	394679	54.87	ng	#	76
48) Acenaphthylene	9.65	152	1677530	49.99	ng		98
49) Dimethylphthalate	9.51	163	1217834	50.34	ng		99
50) 2,6-Dinitrotoluene	9.59	165	280630	52.86	ng	#	74
51) Acenaphthene	9.81	154	963487	48.55	ng		97
52) 3-Nitroaniline	9.76	138	126546	19.84	ng		90
53) 2,4-Dinitrophenol	9.89	184	212878	88.05	ng	#	78
54) Dibenzofuran	9.99	168	1415292	56.98	ng		97
55) 4-Nitrophenol	9.97	139	158356m	51.12	ng		
56) 2,4-Dinitrotoluene	9.99	165	340198	52.16	ng	#	64
57) Fluorene	10.33	166	1108393	52.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	281072	59.62	ng		93
59) Diethylphthalate	10.21	149	1179691	51.02	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	532918	56.49	ng	#	80
61) 4-Nitroaniline	10.38	138	253392	38.85	ng		95
62) Azobenzene	10.48	77	1538274	58.55	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	169375	37.74	ng		85
65) n-Nitrosodiphenylamine	10.45	169	1010347	43.69	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	305133	41.66	ng		92
67) Hexachlorobenzene	10.88	284	306159	43.78	ng	#	89
68) Atrazine	10.97	200	228010	33.68	ng		98
69) Pentachlorophenol	11.09	266	217656	90.14	ng		97
70) Phenanthrene	11.29	178	1766552	44.68	ng		98
71) Anthracene	11.34	178	1615941	40.41	ng		99
72) Carbazole	11.51	167	1609730	42.85	ng		97
73) Di-n-butylphthalate	11.82	149	1945434	44.76	ng		99
74) Fluoranthene	12.48	202	1741751	45.61	ng		92
77) Pyrene	12.70	202	1626688	42.25	ng		100
79) Butylbenzylphthalate	13.32	149	730094	45.04	ng		97
80) Benzo(a)anthracene	13.90	228	1389747	44.45	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	131242	11.98	ng		97
82) Chrysene	13.93	228	1240166	42.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1066134	47.19	ng	#	97
84) Di-n-octyl phthalate	14.48	149	1628544	43.25	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	1032633	42.65	ng	#	93
87) Benzo(b)fluoranthene	14.92	252	1135872m	46.66	ng		
88) Benzo(k)fluoranthene	14.94	252	1102609m	46.97	ng		
89) Benzo(a)pyrene	15.26	252	1044231	46.94	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	868295	47.17	ng		98
91) Benzo(g,h,i)perylene	17.08	276	909727	48.16	ng	#	89

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

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