Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093605.D
Acq On : 13 Mar 2017 14:19
Operator : SJ/MA
Sample : I2174-19MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-64MS

Manual Integrations APPROVED
mohammad
3/15/2017 5:37:33 PM

Quant Time: Mar 15 08:53:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168413	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	684415	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	282478	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	497531	20.00	ng		0.00
75) Chrysene-d12	13.90	240	328324	20.00	ng		0.01
86) Perylene-d12	15.31	264	252565	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1452489	143.54	ng		0.00
7) Phenol-d6	6.38	99	1689477	132.40	ng		0.00
23) Nitrobenzene-d5	7.29	82	1223093	99.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	293613	159.54	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1762501	116.06	ng		0.00
78) Terphenyl-d14	12.84	244	1242310	98.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	234041	41.99	ng	#	72
3) Pyridine	3.04	79	286841m	20.19	ng		
4) n-Nitrosodimethylamine	2.94	42	308872	45.51	ng		82
6) Aniline	6.39	93	130441	7.45	ng	#	1
8) 2-Chlorophenol	6.50	128	513580	45.30	ng		98
9) Benzaldehyde	6.26	77	178794	18.65	ng		88
10) Phenol	6.39	94	688967	44.06	ng	#	76
11) bis(2-Chloroethyl)ether	6.45	93	569486	45.06	ng		88
12) 1,3-Dichlorobenzene	6.64	146	556135	42.86	ng	#	89
13) 1,4-Dichlorobenzene	6.72	146	577156	43.44	ng		99
14) 1,2-Dichlorobenzene	6.88	146	496223	42.17	ng		95
15) Benzyl Alcohol	6.87	79	463762	50.98	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	930075	44.30	ng		55
17) 2-Methylphenol	7.00	107	451390	47.07	ng	#	84
18) Hexachloroethane	7.21	117	196333	43.82	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	422966	48.21	ng		89
20) 3+4-Methylphenols	7.16	107	651529	52.39	ng	#	71
22) Acetophenone	7.13	105	769410	46.72	ng	#	98
24) Nitrobenzene	7.30	77	627714	45.28	ng		98
25) Isophorone	7.54	82	1128073	45.35	ng	#	93
26) 2-Nitrophenol	7.62	139	296897	46.94	ng		94
27) 2,4-Dimethylphenol	7.68	122	459576	44.66	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	748718	47.68	ng		99
29) 2,4-Dichlorophenol	7.89	162	443664	45.83	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	457698	44.46	ng		94
31) Naphthalene	8.02	128	1561667	45.53	ng		99
32) Benzoic acid	7.85	122	297932	55.72	ng		95
33) 4-Chloroaniline	8.13	127	29490m	2.12	ng		
34) Hexachlorobutadiene	8.14	225	242915	45.81	ng		99
35) Caprolactam	8.48	113	124396m	37.63	ng		
36) 4-Chloro-3-methylphenol	8.60	107	476002	46.07	ng		90
37) 2-Methylnaphthalene	8.72	142	1017901	46.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	432471	56.07	ng		99
40) Hexachlorocyclopentadiene	8.87	237	261900	126.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	290645	60.31	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	282451	54.62	ng		92
45) 1,1'-Biphenyl	9.19	154	1157294	56.24	ng		99
46) 2-Chloronaphthalene	9.21	162	968539	61.49	ng		98
47) 2-Nitroaniline	9.33	65	307960	55.31	ng		93
48) Acenaphthylene	9.62	152	1355009	52.16	ng		99
49) Dimethylphthalate	9.50	163	1060129	56.61	ng		100
50) 2,6-Dinitrotoluene	9.57	165	217285	52.88	ng	#	81
51) Acenaphthene	9.80	154	812384	52.88	ng		96
52) 3-Nitroaniline	9.75	138	43311	8.77	ng	#	89
53) 2,4-Dinitrophenol	9.86	184	248884	133.00	ng	#	73
54) Dibenzofuran	9.97	168	1115369	58.01	ng		100
55) 4-Nitrophenol	9.94	139	184362m	76.89	ng		
56) 2,4-Dinitrotoluene	9.98	165	279234	55.31	ng		92
57) Fluorene	10.31	166	829546	50.92	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227277	62.28	ng		92
59) Diethylphthalate	10.20	149	974098	54.42	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	402596	55.13	ng		96
61) 4-Nitroaniline	10.37	138	180186	35.69	ng		82
62) Azobenzene	10.47	77	1080421	53.12	ng		85
64) 4,6-Dinitro-2-methylphenol	10.40	198	152888	47.43	ng		91
65) n-Nitrosodiphenylamine	10.44	169	717733	43.20	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	244795	46.53	ng		98
67) Hexachlorobenzene	10.86	284	235933	46.96	ng	#	75
68) Atrazine	10.96	200	161598	33.23	ng		99
69) Pentachlorophenol	11.08	266	192955	111.24	ng		97
70) Phenanthrene	11.27	178	1277799	44.99	ng		98
71) Anthracene	11.33	178	1292767	45.00	ng		98
72) Carbazole	11.49	167	1007580	37.34	ng		99
73) Di-n-butylphthalate	11.82	149	1530339	49.01	ng	#	96
74) Fluoranthene	12.47	202	1250600	45.59	ng		93
76) Benzidine	12.65	184	22866	2.12	ng		97
77) Pyrene	12.70	202	1212501	50.78	ng		98
79) Butylbenzylphthalate	13.32	149	517672	51.50	ng	#	73
80) Benzo(a)anthracene	13.89	228	913490	47.11	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	49205	7.25	ng	#	97
82) Chrysene	13.92	228	750308	41.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	662956	47.32	ng	#	99
84) Di-n-octyl phthalate	14.48	149	1158189	49.60	ng		97
85) Indeno(1,2,3-cd)pyrene	16.67	276	854822	56.93	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	953158m	61.97	ng		
88) Benzo(k)fluoranthene	14.94	252	551575m	37.18	ng		
89) Benzo(a)pyrene	15.25	252	724686	51.55	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	729350	62.71	ng		96
91) Benzo(g,h,i)perylene	17.08	276	758149	63.51	ng	#	92

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

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