Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092045.D
Acq On : 30 Dec 2016 14:29
Operator : UM/SJ
Sample : H6262-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)MS

Manual Integrations APPROVED
mohammad
1/3/2017 9:14:14 AM

Quant Time: Dec 30 16:07:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	200422	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	727531	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	380661	20.00	ng		-0.03
63) Phenanthrene-d10	11.20	188	648211	20.00	ng		-0.03
75) Chrysene-d12	13.84	240	474235	20.00	ng		-0.03
86) Perylene-d12	15.21	264	425570	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1769811	147.44	ng		-0.02
7) Phenol-d6	6.35	99	2400878	163.83	ng		-0.03
23) Nitrobenzene-d5	7.25	82	1544435	118.04	ng		-0.03
41) 2,4,6-Tribromophenol	10.52	330	520273	165.15	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	2038269	114.13	ng		-0.03
78) Terphenyl-d14	12.79	244	2115056	108.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	288850	48.88	ng		97
3) Pyridine	2.86	79	705475	34.21	ng		97
4) n-Nitrosodimethylamine	2.83	42	347759	44.70	ng		99
6) Aniline	6.35	93	718734	37.76	ng	#	62
8) 2-Chlorophenol	6.48	128	764582	56.00	ng		96
9) Benzaldehyde	6.22	77	87583	7.99	ng		100
10) Phenol	6.36	94	774650	46.39	ng		94
11) bis(2-Chloroethyl)ether	6.43	93	757417	57.00	ng		97
12) 1,3-Dichlorobenzene	6.62	146	740837	50.83	ng		97
13) 1,4-Dichlorobenzene	6.70	146	732201	49.35	ng		93
14) 1,2-Dichlorobenzene	6.85	146	659220	51.21	ng		99
15) Benzyl Alcohol	6.84	79	558297	49.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1050316	53.08	ng		85
17) 2-Methylphenol	6.97	107	607467	55.32	ng	#	94
18) Hexachloroethane	7.20	117	276647	50.30	ng		100
19) n-Nitroso-di-n-propylamine	7.12	70	583885	59.89	ng	#	91
20) 3+4-Methylphenols	7.13	107	848655	64.80	ng	#	72
22) Acetophenone	7.10	105	1104884	61.57	ng	#	91
24) Nitrobenzene	7.28	77	898786	64.50	ng		92
25) Isophorone	7.52	82	1455759	60.31	ng		96
26) 2-Nitrophenol	7.60	139	380276	55.34	ng	#	79
27) 2,4-Dimethylphenol	7.64	122	491342	43.11	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	789998	53.97	ng		99
29) 2,4-Dichlorophenol	7.84	162	499440	51.75	ng		87
30) 1,2,4-Trichlorobenzene	7.92	180	528108	49.93	ng		98
31) Naphthalene	8.00	128	1762667	52.94	ng		98
32) Benzoic acid	7.76	122	108753	12.86	ng		97
33) 4-Chloroaniline	8.05	127	409587	27.28	ng	#	94
34) Hexachlorobutadiene	8.11	225	272760	48.86	ng		98
35) Caprolactam	8.43	113	172211m	54.30	ng		
36) 4-Chloro-3-methylphenol	8.56	107	578939	52.13	ng		99
37) 2-Methylnaphthalene	8.68	142	1079008	61.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	500887	52.08	ng		98
40) Hexachlorocyclopentadiene	8.84	237	443888	102.46	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	344075	51.16	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	378300	54.65	ng	#	89
45) 1,1'-Biphenyl	9.15	154	1429512	54.85	ng		99
46) 2-Chloronaphthalene	9.17	162	1073407	52.00	ng		96
47) 2-Nitroaniline	9.28	65	375113	51.04	ng		98
48) Acenaphthylene	9.58	152	1555231	48.99	ng		99
49) Dimethylphthalate	9.47	163	2127546	87.39	ng		100
50) 2,6-Dinitrotoluene	9.53	165	298062	55.93	ng	#	77
51) Acenaphthene	9.76	154	1008378	46.85	ng		100
52) 3-Nitroaniline	9.69	138	214953	32.59	ng		100
53) 2,4-Dinitrophenol	9.80	184	142310	48.00	ng	#	91
54) Dibenzofuran	9.93	168	1304685	44.89	ng		99
55) 4-Nitrophenol	9.88	139	448008	100.05	ng		96
56) 2,4-Dinitrotoluene	9.93	165	383882	57.40	ng		95
57) Fluorene	10.27	166	1099928	52.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	294288	53.75	ng		97
59) Diethylphthalate	10.16	149	1195501	50.56	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	498810	53.87	ng	#	80
61) 4-Nitroaniline	10.30	138	305858	44.76	ng		98
62) Azobenzene	10.42	77	1424542	54.72	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	182256	46.50	ng		88
65) n-Nitrosodiphenylamine	10.38	169	1011847	52.61	ng		98
66) 4-Bromophenyl-phenylether	10.75	248	320715	47.56	ng		98
67) Hexachlorobenzene	10.82	284	370609	51.42	ng		98
68) Atrazine	10.92	200	301386	48.57	ng		97
69) Pentachlorophenol	11.01	266	362180	102.41	ng		98
70) Phenanthrene	11.23	178	1868639	53.16	ng		99
71) Anthracene	11.28	178	1618406	57.21	ng		99
72) Carbazole	11.44	167	1483243	60.71	ng		99
73) Di-n-butylphthalate	11.78	149	2058137	63.48	ng		98
74) Fluoranthene	12.41	202	1994093	66.49	ng		100
76) Benzidine	12.53	184	553295	46.09	ng		100
77) Pyrene	12.64	202	1970961	56.65	ng		100
79) Butylbenzylphthalate	13.27	149	797523	50.40	ng		100
80) Benzo(a)anthracene	13.83	228	1363505	50.94	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	368149	36.27	ng		98
82) Chrysene	13.86	228	1297006	48.30	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	1036665	55.63	ng		99
84) Di-n-octyl phthalate	14.44	149	1918255	55.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.51	276	1163250	50.01	ng		99
87) Benzo(b)fluoranthene	14.83	252	1286911m	48.57	ng		
88) Benzo(k)fluoranthene	14.87	252	1243409m	55.03	ng		
89) Benzo(a)pyrene	15.16	252	1221164	51.93	ng	#	96
90) Dibenzo(a,h)anthracene	16.52	278	938240	48.54	ng		98
91) Benzo(g,h,i)perylene	16.90	276	1078701	53.67	ng		96

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

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