Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090143.D
Acq On : 20 Sep 2016 19:32
Operator : UM/SJ
Sample : H4854-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A1MSD

Manual Integrations APPROVED
sohil
9/21/2016 4:16:53 PM

Quant Time: Sep 21 09:23:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	168739	20.00	ng		0.00
21) Naphthalene-d8	7.80	136	664963	20.00	ng		-0.01
38) Acenaphthene-d10	9.55	164	367769	20.00	ng		0.00
63) Phenanthrene-d10	11.03	188	578120	20.00	ng		0.00
75) Chrysene-d12	13.63	240	384862	20.00	ng		0.00
86) Perylene-d12	14.96	264	298610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	1325732	128.06	ng		0.02
7) Phenol-d6	6.18	99	1698394	132.85	ng		0.01
23) Nitrobenzene-d5	7.10	82	1051593	91.67	ng		0.00
41) 2,4,6-Tribromophenol	10.34	330	356779	113.08	ng		0.00
44) 2-Fluorobiphenyl	8.89	172	1622384	86.60	ng		0.00
78) Terphenyl-d14	12.61	244	1382227	91.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	181112	32.25	ng		99
3) Pyridine	2.58	79	367912	30.20	ng		97
4) n-Nitrosodimethylamine	2.54	42	169677	46.68	ng		96
6) Aniline	6.18	93	556846	34.94	ng	#	85
8) 2-Chlorophenol	6.31	128	518893	43.56	ng		87
9) Benzaldehyde	6.06	77	54182	9.72	ng		98
10) Phenol	6.19	94	601971	39.83	ng	#	77
11) bis(2-Chloroethyl)ether	6.27	93	527593	44.77	ng		92
12) 1,3-Dichlorobenzene	6.46	146	502169	40.36	ng		98
13) 1,4-Dichlorobenzene	6.54	146	524855	41.31	ng		99
14) 1,2-Dichlorobenzene	6.70	146	444984	39.32	ng		99
15) Benzyl Alcohol	6.68	79	377190	49.48	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.82	45	599521	42.57	ng		96
17) 2-Methylphenol	6.81	107	441795	47.09	ng		97
18) Hexachloroethane	7.03	117	186480	41.15	ng		98
19) n-Nitroso-di-n-propylamine	6.96	70	341320	45.45	ng		99
20) 3+4-Methylphenols	6.96	107	522181	46.36	ng		93
22) Acetophenone	6.95	105	662297	41.30	ng		99
24) Nitrobenzene	7.12	77	522050	43.68	ng	#	75
25) Isophorone	7.36	82	1031852	43.05	ng		100
26) 2-Nitrophenol	7.43	139	263440	44.76	ng		97
27) 2,4-Dimethylphenol	7.48	122	447571	42.80	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	639606	44.12	ng		99
29) 2,4-Dichlorophenol	7.68	162	437872	47.74	ng		94
30) 1,2,4-Trichlorobenzene	7.76	180	419415	45.78	ng		96
31) Naphthalene	7.83	128	1360960	42.98	ng		100
32) Benzoic acid	7.60	122	67997	9.47	ng		92
33) 4-Chloroaniline	7.88	127	422710	32.18	ng		98
34) Hexachlorobutadiene	7.95	225	202511	41.90	ng		99
35) Caprolactam	8.27	113	143365m	47.23	ng		
36) 4-Chloro-3-methylphenol	8.39	107	447673	43.19	ng		98
37) 2-Methylnaphthalene	8.52	142	961544	48.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	298780	35.39	ng		98
40) Hexachlorocyclopentadiene	8.68	237	338991	81.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	289996	48.21	ng		98
43) 2,4,5-Trichlorophenol	8.86	196	278921	44.78	ng	#	94
45) 1,1'-Biphenyl	8.99	154	1029611	39.13	ng		96
46) 2-Chloronaphthalene	9.00	162	792917	40.85	ng		99
47) 2-Nitroaniline	9.11	65	255066	43.58	ng		85
48) Acenaphthylene	9.42	152	1214991	38.54	ng		99
49) Dimethylphthalate	9.30	163	1508267	64.39	ng		98
50) 2,6-Dinitrotoluene	9.36	165	231176	44.28	ng	#	86
51) Acenaphthene	9.59	154	820554	43.85	ng		99
52) 3-Nitroaniline	9.52	138	212284	34.68	ng		89
53) 2,4-Dinitrophenol	9.63	184	89926	32.73	ng	#	87
54) Dibenzofuran	9.76	168	1040350	42.25	ng		94
55) 4-Nitrophenol	9.70	139	361538	86.22	ng		84
56) 2,4-Dinitrotoluene	9.76	165	282359	45.74	ng		91
57) Fluorene	10.10	166	841982	45.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	219454	47.06	ng		98
59) Diethylphthalate	10.00	149	947322	41.88	ng		99
60) 4-Chlorophenyl-phenylether	10.10	204	345351	40.81	ng		89
61) 4-Nitroaniline	10.14	138	276388	44.30	ng		90
62) Azobenzene	10.26	77	1177734	50.01	ng		91
64) 4,6-Dinitro-2-methylphenol	10.16	198	95842	26.47	ng	#	54
65) n-Nitrosodiphenylamine	10.23	169	861149	45.30	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	242501	42.63	ng	#	85
67) Hexachlorobenzene	10.64	284	259331	39.11	ng	#	88
68) Atrazine	10.75	200	226095	43.40	ng		96
69) Pentachlorophenol	10.84	266	241008	64.04	ng		100
70) Phenanthrene	11.05	178	1307577	48.36	ng		99
71) Anthracene	11.10	178	1202165	42.39	ng		100
72) Carbazole	11.26	167	1220010	40.70	ng		99
73) Di-n-butylphthalate	11.61	149	1558848	44.72	ng		99
74) Fluoranthene	12.22	202	1268405	43.71	ng		98
76) Benzidine	12.35	184	652616	50.66	ng		98
77) Pyrene	12.45	202	1190819	45.22	ng		99
79) Butylbenzylphthalate	13.09	149	592249	45.97	ng	#	78
80) Benzo(a)anthracene	13.62	228	965855	46.65	ng		100
81) 3,3'-Dichlorobenzidine	13.60	252	248626	29.12	ng		99
82) Chrysene	13.67	228	828012	41.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.66	149	789132	47.87	ng	#	99
84) Di-n-octyl phthalate	14.26	149	1226751	43.20	ng		97
85) Indeno(1,2,3-cd)pyrene	16.13	276	820176	50.29	ng		98
87) Benzo(b)fluoranthene	14.62	252	852157m	51.54	ng		
88) Benzo(k)fluoranthene	14.64	252	597677m	38.51	ng		
89) Benzo(a)pyrene	14.90	252	710065	45.65	ng	#	94
90) Dibenzo(a,h)anthracene	16.15	278	694331	57.21	ng		98
91) Benzo(g,h,i)perylene	16.48	276	717002	60.35	ng		95

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

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