Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084631.D
Acq On : 29 Jan 2016 12:57
Operator : SJ/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF012916

Manual Integrations APPROVED
mohammad
2/1/2016 2:23:43 PM

Quant Time: Jan 29 23:20:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167516	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	649518	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	312335	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	438582	20.00	ng		0.00
75) Chrysene-d12	13.87	240	315669	20.00	ng		0.00
86) Perylene-d12	15.25	264	276809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	790854	71.26	ng		0.00
7) Phenol-d6	6.37	99	981805	73.81	ng		0.00
23) Nitrobenzene-d5	7.30	82	951177	81.84	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	227606	69.53	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1478592	70.37	ng		0.00
78) Terphenyl-d14	12.83	244	1176949	84.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	182158	35.20	ng	#	76
3) Pyridine	2.90	79	525635	38.13	ng	#	71
4) n-Nitrosodimethylamine	2.85	42	237995	35.31	ng	#	84
6) Aniline	6.38	93	627021	36.72	ng	#	51
8) 2-Chlorophenol	6.51	128	472493	38.38	ng		94
9) Benzaldehyde	6.27	77	310044	40.25	ng		99
10) Phenol	6.38	94	570984	38.52	ng		75
11) bis(2-Chloroethyl)ether	6.46	93	397226	34.45	ng	#	81
12) 1,3-Dichlorobenzene	6.66	146	473749m	35.92	ng		
13) 1,4-Dichlorobenzene	6.74	146	483130	37.33	ng		99
14) 1,2-Dichlorobenzene	6.90	146	481378	40.39	ng		98
15) Benzyl Alcohol	6.88	79	342167	37.80	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	726272	36.81	ng		85
17) 2-Methylphenol	7.00	107	368061	38.57	ng		95
18) Hexachloroethane	7.24	117	199168	39.33	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	300883	37.03	ng	#	75
20) 3+4-Methylphenols	7.15	107	417477	36.05	ng	#	68
22) Acetophenone	7.14	105	649520	38.29	ng	#	97
24) Nitrobenzene	7.31	77	451205	36.53	ng		93
25) Isophorone	7.56	82	878932	40.37	ng		96
26) 2-Nitrophenol	7.63	139	227919	38.80	ng	#	82
27) 2,4-Dimethylphenol	7.68	122	373538	36.29	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	502674	38.47	ng	#	96
29) 2,4-Dichlorophenol	7.88	162	357521	39.71	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	397148	38.57	ng	#	93
31) Naphthalene	8.03	128	1209521	36.89	ng		99
32) Benzoic acid	7.81	122	309816	39.21	ng		93
33) 4-Chloroaniline	8.09	127	487789	36.58	ng		98
34) Hexachlorobutadiene	8.16	225	235115	38.64	ng		98
35) Caprolactam	8.46	113	99573	38.54	ng	#	42
36) 4-Chloro-3-methylphenol	8.58	107	400816	40.43	ng		94
37) 2-Methylnaphthalene	8.73	142	840257	41.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	370666	36.59	ng		99
40) Hexachlorocyclopentadiene	8.89	237	181553	39.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	246573	39.19	ng		90
43) 2,4,5-Trichlorophenol	9.05	196	244724	37.67	ng	#	85
45) 1,1'-Biphenyl	9.20	154	1118140	39.06	ng		97
46) 2-Chloronaphthalene	9.22	162	785260	37.60	ng	#	87
47) 2-Nitroaniline	9.31	65	217905	34.74	ng		96
48) Acenaphthylene	9.63	152	1245071	39.35	ng		98
49) Dimethylphthalate	9.50	163	905895	38.64	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	212846	41.27	ng	#	87
51) Acenaphthene	9.80	154	793779	37.46	ng		98
52) 3-Nitroaniline	9.72	138	193278	35.86	ng		99
53) 2,4-Dinitrophenol	9.84	184	97294	38.23	ng	#	83
54) Dibenzofuran	9.97	168	1014632	40.12	ng		98
55) 4-Nitrophenol	9.89	139	150220	37.95	ng	#	70
56) 2,4-Dinitrotoluene	9.96	165	275802	41.16	ng		94
57) Fluorene	10.32	166	817835	38.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	185076	37.68	ng		93
59) Diethylphthalate	10.20	149	879973	38.35	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	362139	37.63	ng		91
61) 4-Nitroaniline	10.34	138	223007	43.72	ng		94
62) Azobenzene	10.46	77	700094	31.87	ng		86
64) 4,6-Dinitro-2-methylphenol	10.36	198	139161	48.58	ng	#	57
65) n-Nitrosodiphenylamine	10.43	169	677102	47.61	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	212414	43.00	ng	#	85
67) Hexachlorobenzene	10.85	284	201501	37.50	ng	#	74
68) Atrazine	10.96	200	161019	37.79	ng		98
69) Pentachlorophenol	11.06	266	103954	40.05	ng		98
70) Phenanthrene	11.26	178	912795	37.64	ng		98
71) Anthracene	11.32	178	1061031	43.03	ng		99
72) Carbazole	11.48	167	904420	42.56	ng		99
73) Di-n-butylphthalate	11.81	149	1063443	41.15	ng	#	97
74) Fluoranthene	12.45	202	1035823	43.20	ng		95
76) Benzidine	12.58	184	491197	40.91	ng	#	95
77) Pyrene	12.68	202	1062966	44.65	ng		99
79) Butylbenzylphthalate	13.31	149	423697	41.66	ng		98
80) Benzo(a)anthracene	13.86	228	807649	41.04	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	282496	40.80	ng	#	97
82) Chrysene	13.91	228	847114	43.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	568843	43.11	ng		98
84) Di-n-octyl phthalate	14.49	149	829764	39.80	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	755133	44.04	ng		99
87) Benzo(b)fluoranthene	14.88	252	659714m	36.81	ng		
88) Benzo(k)fluoranthene	14.90	252	583075m	39.38	ng		
89) Benzo(a)pyrene	15.21	252	593471	38.28	ng		99
90) Dibenzo(a,h)anthracene	16.59	278	636148	45.53	ng	#	94
91) Benzo(g,h,i)perylene	16.97	276	633635	44.91	ng		95

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

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