Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF102616\
Data File : BF090842.D
Acq On : 26 Oct 2016 14:57
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF102616

Manual Integrations APPROVED
sohil
10/27/2016 3:46:00 PM

Quant Time: Nov 04 13:53:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 13:47:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	203240	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	854456	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	452390	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	812536	20.00	ng		0.00
75) Chrysene-d12	13.96	240	735025	20.00	ng		0.00
86) Perylene-d12	15.37	264	555469	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	888658	76.45	ng		0.00
7) Phenol-d6	6.43	99	1291543	82.36	ng		0.00
23) Nitrobenzene-d5	7.37	82	1122155	85.97	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	382268	82.22	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2017126	78.30	ng		0.00
78) Terphenyl-d14	12.91	244	2290188	78.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	236433	39.78	ng	#	69
3) Pyridine	3.05	79	659436	40.90	ng	#	71
4) n-Nitrosodimethylamine	3.01	42	200944m	44.27	ng		
6) Aniline	6.45	93	746123	41.65	ng	#	48
8) 2-Chlorophenol	6.58	128	565055	39.40	ng		96
9) Benzaldehyde	6.34	77	314340	38.81	ng	#	86
10) Phenol	6.45	94	684506	39.61	ng	#	33
11) bis(2-Chloroethyl)ether	6.53	93	554234	38.76	ng		86
12) 1,3-Dichlorobenzene	6.73	146	600628m	40.95	ng		
13) 1,4-Dichlorobenzene	6.81	146	629290m	40.80	ng		
14) 1,2-Dichlorobenzene	6.97	146	572887	38.74	ng		99
15) Benzyl Alcohol	6.94	79	411574	39.96	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.07	45	587452	41.29	ng		55
17) 2-Methylphenol	7.06	107	461225	42.28	ng	#	86
18) Hexachloroethane	7.30	117	223175	39.75	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	360418	39.75	ng	#	69
20) 3+4-Methylphenols	7.22	107	538850	42.67	ng	#	86
22) Acetophenone	7.21	105	690810	39.30	ng	#	85
24) Nitrobenzene	7.38	77	555579	40.24	ng	#	71
25) Isophorone	7.62	82	1038129	39.19	ng	#	89
26) 2-Nitrophenol	7.70	139	335878m	45.42	ng		
27) 2,4-Dimethylphenol	7.74	122	569449	47.56	ng	#	83
28) bis(2-Chloroethoxy)methane	7.84	93	647643	42.99	ng	#	94
29) 2,4-Dichlorophenol	7.94	162	451101	40.69	ng		92
30) 1,2,4-Trichlorobenzene	8.02	180	527802	41.20	ng		96
31) Naphthalene	8.10	128	1546704	38.72	ng		96
32) Benzoic acid	7.89	122	358160	41.20	ng	#	69
33) 4-Chloroaniline	8.16	127	700226	43.39	ng	#	92
34) Hexachlorobutadiene	8.22	225	323199	42.90	ng		99
35) Caprolactam	8.54	113	136582	39.69	ng	#	58
36) 4-Chloro-3-methylphenol	8.65	107	479677	39.78	ng		93
37) 2-Methylnaphthalene	8.80	142	1058674	41.04	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	495525	39.93	ng	#	98
40) Hexachlorocyclopentadiene	8.94	237	227463	39.84	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	326001	40.69	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	348864	42.28	ng		97
45) 1,1'-Biphenyl	9.26	154	1296280	39.78	ng		93
46) 2-Chloronaphthalene	9.29	162	996241	40.19	ng		98
47) 2-Nitroaniline	9.38	65	236001	33.74	ng		82
48) Acenaphthylene	9.70	152	1599762	42.63	ng		95
49) Dimethylphthalate	9.57	163	1241295	41.07	ng	#	98
50) 2,6-Dinitrotoluene	9.63	165	303502	45.47	ng		91
51) Acenaphthene	9.87	154	1069249	41.37	ng		89
52) 3-Nitroaniline	9.80	138	296659	41.75	ng		96
53) 2,4-Dinitrophenol	9.90	184	157851	44.92	ng	#	86
54) Dibenzofuran	10.04	168	1410095	42.27	ng	#	87
55) 4-Nitrophenol	9.96	139	194205	44.81	ng	#	67
56) 2,4-Dinitrotoluene	10.03	165	372042	44.87	ng	#	89
57) Fluorene	10.38	166	1168904	42.78	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.17	232	299887	40.70	ng		96
59) Diethylphthalate	10.27	149	1302071	43.37	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	543182	40.73	ng	#	83
61) 4-Nitroaniline	10.42	138	315453	44.82	ng	#	70
62) Azobenzene	10.53	77	1140260	38.62	ng		84
64) 4,6-Dinitro-2-methylphenol	10.44	198	230734	42.83	ng	#	70
65) n-Nitrosodiphenylamine	10.50	169	960238	38.58	ng		90
66) 4-Bromophenyl-phenylether	10.86	248	334019	37.54	ng		99
67) Hexachlorobenzene	10.93	284	431372	40.96	ng	#	81
68) Atrazine	11.02	200	249024	32.34	ng		86
69) Pentachlorophenol	11.13	266	231232	40.93	ng		98
70) Phenanthrene	11.34	178	1693982m	40.94	ng		
71) Anthracene	11.39	178	1767979	40.58	ng		96
72) Carbazole	11.55	167	1426936	37.09	ng	#	94
73) Di-n-butylphthalate	11.88	149	1779038	35.87	ng	#	97
74) Fluoranthene	12.53	202	1789713	39.50	ng		89
76) Benzidine	12.66	184	541151	33.72	ng	#	93
77) Pyrene	12.76	202	1815098m	39.02	ng		
79) Butylbenzylphthalate	13.38	149	750743	35.57	ng	#	81
80) Benzo(a)anthracene	13.95	228	1612099	41.33	ng		95
81) 3,3'-Dichlorobenzidine	13.92	252	602216	39.77	ng	#	95
82) Chrysene	13.99	228	1300483m	32.96	ng		
83) Bis(2-ethylhexyl)phthalate	13.95	149	1097948	39.95	ng		98
84) Di-n-octyl phthalate	14.56	149	1475815m	31.98	ng		
85) Indeno(1,2,3-cd)pyrene	16.74	276	1252510	35.82	ng	#	84
87) Benzo(b)fluoranthene	14.97	252	1592960m	42.65	ng		
88) Benzo(k)fluoranthene	15.00	252	1068334m	36.19	ng		
89) Benzo(a)pyrene	15.32	252	1307184	40.73	ng	#	83
90) Dibenzo(a,h)anthracene	16.76	278	1088282	40.05	ng	#	79
91) Benzo(g,h,i)perylene	17.16	276	1019137	39.83	ng	#	72

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

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