Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090341.D
Acq On : 4 Oct 2016 13:51
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100416

Manual Integrations APPROVED
sohil
10/5/2016 7:26:02 PM

Quant Time: Oct 04 14:18:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	231239	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	906681	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	440228	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	620111	20.00	ng		0.00
75) Chrysene-d12	14.19	240	502105	20.00	ng		0.00
86) Perylene-d12	15.70	264	396849	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1263960	86.21	ng		0.00
7) Phenol-d6	6.63	99	1542122	84.15	ng		0.00
23) Nitrobenzene-d5	7.58	82	1419501	91.26	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	303297	79.32	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2155644	79.84	ng		0.00
78) Terphenyl-d14	13.14	244	1712604	79.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	287720	40.21	ng	#	89
3) Pyridine	3.47	79	778882	41.06	ng	#	85
4) n-Nitrosodimethylamine	3.43	42	292482	42.57	ng	#	52
6) Aniline	6.66	93	1036073	41.15	ng		98
8) 2-Chlorophenol	6.79	128	637107	38.67	ng		94
9) Benzaldehyde	6.56	77	350752	41.23	ng		94
10) Phenol	6.64	94	1011606	45.39	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	696839	44.03	ng		99
12) 1,3-Dichlorobenzene	6.95	146	642943	37.58	ng	#	90
13) 1,4-Dichlorobenzene	7.03	146	711807	40.97	ng		98
14) 1,2-Dichlorobenzene	7.19	146	644374m	39.01	ng		
15) Benzyl Alcohol	7.14	79	498993	38.63	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1044834	43.19	ng		92
17) 2-Methylphenol	7.26	107	536128	42.01	ng		96
18) Hexachloroethane	7.53	117	266806	42.44	ng		97
19) n-Nitroso-di-n-propylamine	7.42	70	463165	39.58	ng	#	83
20) 3+4-Methylphenols	7.40	107	642832	39.62	ng	#	88
22) Acetophenone	7.42	105	837772	39.91	ng	#	91
24) Nitrobenzene	7.59	77	656444	39.53	ng		96
25) Isophorone	7.83	82	1175751	39.73	ng		97
26) 2-Nitrophenol	7.91	139	286227	44.66	ng	#	82
27) 2,4-Dimethylphenol	7.94	122	619190	42.83	ng		99
28) bis(2-Chloroethoxy)methane	8.04	93	828665	45.10	ng		99
29) 2,4-Dichlorophenol	8.15	162	501556	42.37	ng		94
30) 1,2,4-Trichlorobenzene	8.24	180	540788	40.79	ng		99
31) Naphthalene	8.32	128	1717661	39.64	ng		98
32) Benzoic acid	8.04	122	382977	41.95	ng		92
33) 4-Chloroaniline	8.36	127	764661	44.17	ng	#	90
34) Hexachlorobutadiene	8.44	225	314418	40.29	ng		99
35) Caprolactam	8.72	113	131506	42.48	ng		89
36) 4-Chloro-3-methylphenol	8.83	107	507814	39.95	ng		97
37) 2-Methylnaphthalene	9.02	142	1107836	40.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	465193	37.44	ng	#	98
40) Hexachlorocyclopentadiene	9.18	237	279955	37.03	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	312265	39.95	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	323806	41.17	ng	#	86
45) 1,1'-Biphenyl	9.47	154	1281316	37.59	ng		94
46) 2-Chloronaphthalene	9.51	162	976788	38.18	ng	#	90
47) 2-Nitroaniline	9.59	65	304428	43.59	ng		92
48) Acenaphthylene	9.92	152	1601861	41.39	ng		99
49) Dimethylphthalate	9.77	163	988590	37.94	ng		99
50) 2,6-Dinitrotoluene	9.83	165	213241	37.41	ng		92
51) Acenaphthene	10.09	154	949266	40.31	ng		97
52) 3-Nitroaniline	10.00	138	270697	41.92	ng		99
53) 2,4-Dinitrophenol	10.10	184	86008	44.48	ng	#	31
54) Dibenzofuran	10.26	168	1225880	39.36	ng		94
55) 4-Nitrophenol	10.15	139	225623	43.88	ng	#	71
56) 2,4-Dinitrotoluene	10.24	165	272499	39.71	ng		97
57) Fluorene	10.60	166	1005303	38.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	236007	42.55	ng		89
59) Diethylphthalate	10.48	149	1070488	40.19	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	478054	38.70	ng	#	83
61) 4-Nitroaniline	10.62	138	256028	44.08	ng		78
62) Azobenzene	10.75	77	1040155	37.47	ng		88
64) 4,6-Dinitro-2-methylphenol	10.64	198	114761	42.69	ng	#	83
65) n-Nitrosodiphenylamine	10.72	169	857824	40.57	ng		99
66) 4-Bromophenyl-phenylether	11.10	248	263496	39.32	ng	#	81
67) Hexachlorobenzene	11.15	284	294712	37.42	ng	#	80
68) Atrazine	11.23	200	184605	36.47	ng		97
69) Pentachlorophenol	11.35	266	177838	40.28	ng		98
70) Phenanthrene	11.58	178	1302629	39.16	ng		95
71) Anthracene	11.62	178	1384648	41.69	ng		98
72) Carbazole	11.77	167	1192331	39.06	ng		98
73) Di-n-butylphthalate	12.11	149	1484086	40.68	ng	#	96
74) Fluoranthene	12.77	202	1293230	40.98	ng		93
76) Benzidine	12.88	184	560805	40.62	ng		96
77) Pyrene	12.99	202	1317362	40.98	ng		98
79) Butylbenzylphthalate	13.61	149	525645	41.49	ng	#	75
80) Benzo(a)anthracene	14.18	228	1084840	38.53	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	388381	40.04	ng	#	98
82) Chrysene	14.22	228	959338	36.36	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	810839	40.00	ng	#	98
84) Di-n-octyl phthalate	14.80	149	1237096	42.01	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.21	276	1013840	35.76	ng		97
87) Benzo(b)fluoranthene	15.26	252	921490	40.38	ng	#	98
88) Benzo(k)fluoranthene	15.29	252	948114m	43.49	ng		
89) Benzo(a)pyrene	15.63	252	850498	40.86	ng		98
90) Dibenzo(a,h)anthracene	17.23	278	840218	41.16	ng	#	94
91) Benzo(g,h,i)perylene	17.68	276	824486	41.24	ng		98

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

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