Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085163.D
Acq On : 3 Mar 2016 18:28
Operator : SJ/UM
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF030316

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:31 PM

Quant Time: Mar 04 01:07:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	195442	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	766729	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	381345	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	701074	20.00	ng		0.00
75) Chrysene-d12	14.14	240	464430	20.00	ng		-0.01
86) Perylene-d12	15.61	264	374129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	908015	77.93	ng		0.00
7) Phenol-d6	6.61	99	1254760	82.20	ng		0.00
23) Nitrobenzene-d5	7.54	82	1112199	77.62	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	275300	84.37	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1743007	69.51	ng		-0.01
78) Terphenyl-d14	13.09	244	1544006	77.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	231363	38.83	ng		98
3) Pyridine	3.43	79	677673	45.44	ng		96
4) n-Nitrosodimethylamine	3.38	42	248962	39.01	ng		97
6) Aniline	6.64	93	853124	39.87	ng		99
8) 2-Chlorophenol	6.77	128	566782	40.41	ng		93
9) Benzaldehyde	6.53	77	353438	53.60	ng		99
10) Phenol	6.62	94	765375m	46.81	ng		
11) bis(2-Chloroethyl)ether	6.71	93	490798	36.14	ng		89
12) 1,3-Dichlorobenzene	6.93	146	582527	38.68	ng		97
13) 1,4-Dichlorobenzene	7.00	146	568127	37.64	ng		98
14) 1,2-Dichlorobenzene	7.16	146	577596	42.18	ng		98
15) Benzyl Alcohol	7.12	79	521275	46.52	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.26	45	740197	37.82	ng		99
17) 2-Methylphenol	7.22	107	452207	39.51	ng		96
18) Hexachloroethane	7.50	117	224290	40.28	ng		98
19) n-Nitroso-di-n-propylamine	7.40	70	374328	37.62	ng	#	89
20) 3+4-Methylphenols	7.38	107	572532	42.23	ng		96
22) Acetophenone	7.40	105	788377	42.13	ng	#	93
24) Nitrobenzene	7.57	77	660290	45.36	ng		91
25) Isophorone	7.81	82	1111920	41.88	ng		97
26) 2-Nitrophenol	7.88	139	274113	38.70	ng	#	64
27) 2,4-Dimethylphenol	7.91	122	506197	39.10	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	669500	45.27	ng		99
29) 2,4-Dichlorophenol	8.12	162	412173	39.48	ng		88
30) 1,2,4-Trichlorobenzene	8.21	180	457626	40.54	ng		99
31) Naphthalene	8.29	128	1454207	38.57	ng		99
32) Benzoic acid	8.02	122	299638	34.85	ng		98
33) 4-Chloroaniline	8.33	127	629107	41.25	ng		99
34) Hexachlorobutadiene	8.41	225	233265	39.72	ng		99
35) Caprolactam	8.71	113	141005	41.36	ng		100
36) 4-Chloro-3-methylphenol	8.81	107	527640	44.55	ng		95
37) 2-Methylnaphthalene	8.98	142	1066380	44.08	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	402685	36.92	ng		100
40) Hexachlorocyclopentadiene	9.13	237	249813	42.47	ng		100

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Quant Time: Mar 04 01:07:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	308761	38.03	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	327016	42.48	ng		95
45) 1,1'-Biphenyl	9.44	154	1110199	34.08	ng		98
46) 2-Chloronaphthalene	9.46	162	888880	35.79	ng	#	90
47) 2-Nitroaniline	9.56	65	283306	36.81	ng		99
48) Acenaphthylene	9.89	152	1529965	39.58	ng		98
49) Dimethylphthalate	9.75	163	1055601	36.06	ng		98
50) 2,6-Dinitrotoluene	9.81	165	257468	41.12	ng	#	79
51) Acenaphthene	10.06	154	924463	39.39	ng		99
52) 3-Nitroaniline	9.97	138	284051	37.92	ng	#	76
53) 2,4-Dinitrophenol	10.07	184	101352	36.72	ng	#	73
54) Dibenzofuran	10.23	168	1337696	43.51	ng		98
55) 4-Nitrophenol	10.12	139	203110	34.50	ng	#	68
56) 2,4-Dinitrotoluene	10.21	165	349957	43.67	ng	#	83
57) Fluorene	10.57	166	991966	41.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	242490	44.84	ng		97
59) Diethylphthalate	10.44	149	1064822	37.49	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	460746	39.21	ng		98
61) 4-Nitroaniline	10.58	138	272127	38.84	ng		99
62) Azobenzene	10.72	77	1255576	44.87	ng		98
64) 4,6-Dinitro-2-methylphenol	10.61	198	149347	35.58	ng	#	39
65) n-Nitrosodiphenylamine	10.68	169	792787	36.36	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	275535	40.48	ng		98
67) Hexachlorobenzene	11.12	284	298132	41.05	ng		97
68) Atrazine	11.20	200	202283	33.36	ng		99
69) Pentachlorophenol	11.30	266	164115	40.71	ng		99
70) Phenanthrene	11.53	178	1457916	39.68	ng		99
71) Anthracene	11.58	178	1428091	36.61	ng		99
72) Carbazole	11.74	167	1409481	41.21	ng		99
73) Di-n-butylphthalate	12.06	149	1599209	36.99	ng		100
74) Fluoranthene	12.72	202	1530182	41.50	ng		98
76) Benzidine	12.84	184	622051	45.00	ng		98
77) Pyrene	12.95	202	1531620	43.82	ng		99
79) Butylbenzylphthalate	13.56	149	650971	41.04	ng		100
80) Benzo(a)anthracene	14.13	228	1162221	41.80	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	395118	45.05	ng		99
82) Chrysene	14.17	228	1128968	43.96	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	891305	42.70	ng		100
84) Di-n-octyl phthalate	14.73	149	1444418	45.44	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	816884	40.75	ng		100
87) Benzo(b)fluoranthene	15.18	252	1089572	43.69	ng		99
88) Benzo(k)fluoranthene	15.21	252	738811m	36.73	ng		
89) Benzo(a)pyrene	15.56	252	863362	41.78	ng		100
90) Dibenzo(a,h)anthracene	17.11	278	682529	38.69	ng		96
91) Benzo(g,h,i)perylene	17.53	276	680718	38.38	ng		98

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

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