Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085461.D
Acq On : 15 Mar 2016 17:55
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF031516

Manual Integrations APPROVED
UMANGI
3/16/2016 6:29:16 PM

Quant Time: Mar 16 13:53:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	183208	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	743413	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	332615	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	622778	20.00	ng		0.00
75) Chrysene-d12	14.08	240	444441	20.00	ng		0.00
86) Perylene-d12	15.53	264	310265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	867246	81.37	ng		0.00
7) Phenol-d6	6.55	99	1163333	84.15	ng		0.00
23) Nitrobenzene-d5	7.49	82	1116691	88.81	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	223602	72.99	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1665978	86.89	ng		0.00
78) Terphenyl-d14	13.03	244	1583210	80.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	202566	38.09	ng		97
3) Pyridine	3.29	79	591451	46.85	ng		97
4) n-Nitrosodimethylamine	3.25	42	226712	38.89	ng		100
6) Aniline	6.57	93	784938	41.13	ng		99
8) 2-Chlorophenol	6.70	128	524229	41.95	ng		96
9) Benzaldehyde	6.46	77	324297	42.01	ng		98
10) Phenol	6.56	94	715593	46.17	ng		97
11) bis(2-Chloroethyl)ether	6.65	93	526559	44.18	ng		97
12) 1,3-Dichlorobenzene	6.86	146	545462	39.38	ng		98
13) 1,4-Dichlorobenzene	6.93	146	517060	37.27	ng		98
14) 1,2-Dichlorobenzene	7.09	146	526549	43.25	ng		98
15) Benzyl Alcohol	7.05	79	408853	41.41	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	608028	37.47	ng		98
17) 2-Methylphenol	7.17	107	410346	39.22	ng		96
18) Hexachloroethane	7.43	117	209147	41.10	ng		96
19) n-Nitroso-di-n-propylamine	7.34	70	356468	43.06	ng		98
20) 3+4-Methylphenols	7.33	107	492820	43.94	ng	#	77
22) Acetophenone	7.33	105	614531	33.73	ng		95
24) Nitrobenzene	7.50	77	497613	35.13	ng		99
25) Isophorone	7.74	82	996310	38.86	ng		100
26) 2-Nitrophenol	7.82	139	299929	44.19	ng	#	88
27) 2,4-Dimethylphenol	7.85	122	467924	38.76	ng		95
28) bis(2-Chloroethoxy)methane	7.96	93	604448	39.43	ng	#	97
29) 2,4-Dichlorophenol	8.06	162	413164	42.19	ng		93
30) 1,2,4-Trichlorobenzene	8.14	180	424882	37.55	ng		100
31) Naphthalene	8.22	128	1360680	37.46	ng		99
32) Benzoic acid	7.98	122	264688	38.13	ng		96
33) 4-Chloroaniline	8.28	127	655462	41.95	ng	#	89
34) Hexachlorobutadiene	8.34	225	232011	39.22	ng		100
35) Caprolactam	8.65	113	129390	40.46	ng		93
36) 4-Chloro-3-methylphenol	8.76	107	466180	41.69	ng		97
37) 2-Methylnaphthalene	8.92	142	957300	41.62	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	400607	38.72	ng		97
40) Hexachlorocyclopentadiene	9.06	237	215068	43.02	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.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	9.19	196	270635	39.61	ng		96
43) 2,4,5-Trichlorophenol	9.24	196	302631	43.85	ng	#	92
45) 1,1'-Biphenyl	9.38	154	1180435	43.48	ng		95
46) 2-Chloronaphthalene	9.41	162	875445	43.04	ng		96
47) 2-Nitroaniline	9.50	65	267085	43.36	ng		89
48) Acenaphthylene	9.82	152	1259730	38.28	ng		99
49) Dimethylphthalate	9.68	163	900814	37.12	ng		99
50) 2,6-Dinitrotoluene	9.74	165	203611	37.98	ng	#	78
51) Acenaphthene	9.99	154	778692	37.64	ng		99
52) 3-Nitroaniline	9.91	138	242136	37.77	ng		82
53) 2,4-Dinitrophenol	10.01	184	103810	39.19	ng	#	63
54) Dibenzofuran	10.16	168	1075946	42.33	ng		99
55) 4-Nitrophenol	10.07	139	218446	49.51	ng		86
56) 2,4-Dinitrotoluene	10.15	165	323771	48.15	ng	#	79
57) Fluorene	10.50	166	797014	39.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	202117	42.65	ng		97
59) Diethylphthalate	10.38	149	951057	40.49	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	385761	37.04	ng		92
61) 4-Nitroaniline	10.53	138	255738	42.43	ng		98
62) Azobenzene	10.65	77	1000520	42.89	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	144699	38.90	ng		77
65) n-Nitrosodiphenylamine	10.62	169	813705	42.40	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	232383	36.87	ng	#	89
67) Hexachlorobenzene	11.05	284	250426	38.50	ng	#	86
68) Atrazine	11.14	200	188377	34.30	ng		94
69) Pentachlorophenol	11.25	266	147081	42.66	ng		98
70) Phenanthrene	11.46	178	1232876	38.01	ng		99
71) Anthracene	11.52	178	1413209	42.77	ng		99
72) Carbazole	11.67	167	1073711	38.41	ng		98
73) Di-n-butylphthalate	12.00	149	1387866	40.07	ng		99
74) Fluoranthene	12.65	202	1185888	38.89	ng		97
76) Benzidine	12.77	184	511890	37.08	ng		99
77) Pyrene	12.88	202	1208957	36.27	ng		99
79) Butylbenzylphthalate	13.50	149	577523	39.62	ng	#	85
80) Benzo(a)anthracene	14.07	228	1002263	39.33	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	352917	40.92	ng	#	96
82) Chrysene	14.11	228	775162	33.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	700634	39.41	ng	#	97
84) Di-n-octyl phthalate	14.67	149	1030053	39.68	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	799426	36.79	ng		97
87) Benzo(b)fluoranthene	15.11	252	766691	37.84	ng	#	97
88) Benzo(k)fluoranthene	15.15	252	730896m	46.05	ng		
89) Benzo(a)pyrene	15.47	252	705503	40.30	ng	#	95
90) Dibenzo(a,h)anthracene	17.00	278	660988	38.65	ng		95
91) Benzo(g,h,i)perylene	17.42	276	664035	38.02	ng		94

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

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