Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083336.D
Acq On : 27 Nov 2015 18:57
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF112715

Manual Integrations APPROVED
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12/1/2015 5:23:02 PM

Quant Time: Nov 27 19:25:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 19:11:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	156327	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	588245	20.00	ng		0.00
38) Acenaphthene-d10	9.60	164	298098	20.00	ng		0.00
63) Phenanthrene-d10	11.07	188	531981	20.00	ng		0.00
75) Chrysene-d12	13.69	240	345609	20.00	ng		0.00
86) Perylene-d12	15.04	264	311600	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	812449	75.82	ng		0.00
7) Phenol-d6	6.23	99	1064221	75.69	ng		-0.01
23) Nitrobenzene-d5	7.14	82	1060753	79.66	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	212793	77.14	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	1583924	75.85	ng		0.00
78) Terphenyl-d14	12.65	244	1228183	72.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	11367m	51.80	ng		
3) Pyridine	2.59	79	573996	42.54	ng		84
4) n-Nitrosodimethylamine	2.55	42	278759	41.05	ng		90
6) Aniline	6.23	93	742117	38.67	ng		100
8) 2-Chlorophenol	6.35	128	447928	38.89	ng		93
9) Benzaldehyde	6.10	77	278310	40.15	ng		98
10) Phenol	6.25	94	604711	35.62	ng	#	71
11) bis(2-Chloroethyl)ether	6.31	93	470348	37.48	ng		95
12) 1,3-Dichlorobenzene	6.50	146	506412m	39.97	ng		
13) 1,4-Dichlorobenzene	6.58	146	520656	39.44	ng		95
14) 1,2-Dichlorobenzene	6.73	146	432865	35.62	ng		95
15) Benzyl Alcohol	6.73	79	430280	39.67	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	818824	37.65	ng		98
17) 2-Methylphenol	6.86	107	380712	40.42	ng		93
18) Hexachloroethane	7.07	117	178640	37.94	ng	#	83
19) n-Nitroso-di-n-propylamine	6.99	70	359793	36.22	ng		96
20) 3+4-Methylphenols	7.02	107	503046	39.50	ng		98
22) Acetophenone	6.99	105	664813	38.19	ng	#	92
24) Nitrobenzene	7.15	77	504245	35.27	ng		97
25) Isophorone	7.40	82	965837	37.65	ng		99
26) 2-Nitrophenol	7.47	139	220548	37.23	ng	#	82
27) 2,4-Dimethylphenol	7.54	122	381711	38.89	ng		90
28) bis(2-Chloroethoxy)methane	7.62	93	569405	39.26	ng		99
29) 2,4-Dichlorophenol	7.72	162	356136	37.95	ng		95
30) 1,2,4-Trichlorobenzene	7.80	180	386555	37.81	ng		98
31) Naphthalene	7.87	128	1208773	37.53	ng		99
32) Benzoic acid	7.68	122	192158	38.51	ng		92
33) 4-Chloroaniline	7.94	127	529805	39.66	ng	#	88
34) Hexachlorobutadiene	8.00	225	221513	37.80	ng		99
35) Caprolactam	8.32	113	112951	42.30	ng		88
36) 4-Chloro-3-methylphenol	8.43	107	362974	35.34	ng	#	83
37) 2-Methylnaphthalene	8.57	142	808993	38.88	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	343724	35.51	ng		99
40) Hexachlorocyclopentadiene	8.73	237	167110	35.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	260252	38.87	ng		98
43) 2,4,5-Trichlorophenol	8.90	196	257181	37.68	ng		97
45) 1,1'-Biphenyl	9.03	154	921221	34.92	ng		96
46) 2-Chloronaphthalene	9.05	162	738875	36.78	ng		95
47) 2-Nitroaniline	9.15	65	266137	34.64	ng		94
48) Acenaphthylene	9.46	152	1226564	39.13	ng		100
49) Dimethylphthalate	9.35	163	906932	40.18	ng		99
50) 2,6-Dinitrotoluene	9.40	165	203956	40.19	ng	#	68
51) Acenaphthene	9.63	154	699324	38.26	ng		100
52) 3-Nitroaniline	9.58	138	214691	36.97	ng		99
53) 2,4-Dinitrophenol	9.68	184	73958	45.62	ng	#	82
54) Dibenzofuran	9.80	168	983685	37.72	ng		100
55) 4-Nitrophenol	9.76	139	129302	41.29	ng	#	81
56) 2,4-Dinitrotoluene	9.80	165	259469	41.26	ng		85
57) Fluorene	10.15	166	849989	40.26	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	196545	37.04	ng		98
59) Diethylphthalate	10.03	149	805909	37.36	ng		95
60) 4-Chlorophenyl-phenylether	10.15	204	374102	38.21	ng	#	79
61) 4-Nitroaniline	10.18	138	208942	39.10	ng		93
62) Azobenzene	10.30	77	1007763	37.19	ng		94
64) 4,6-Dinitro-2-methylphenol	10.20	198	123097	37.31	ng	#	45
65) n-Nitrosodiphenylamine	10.26	169	673023	34.84	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	229042	38.14	ng	#	92
67) Hexachlorobenzene	10.70	284	246036	36.67	ng	#	77
68) Atrazine	10.80	200	208616	39.20	ng		98
69) Pentachlorophenol	10.89	266	133531	40.20	ng		95
70) Phenanthrene	11.10	178	1162592	37.11	ng		100
71) Anthracene	11.15	178	1176610	36.77	ng		98
72) Carbazole	11.31	167	1057288	39.30	ng		99
73) Di-n-butylphthalate	11.66	149	1284073	39.92	ng		98
74) Fluoranthene	12.27	202	1069249	36.87	ng		99
76) Benzidine	12.41	184	448192	36.84	ng		97
77) Pyrene	12.50	202	1124357	39.38	ng		98
79) Butylbenzylphthalate	13.13	149	391444	36.84	ng	#	80
80) Benzo(a)anthracene	13.68	228	803021	36.72	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	255912	37.12	ng	#	98
82) Chrysene	13.71	228	719587	34.75	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	500830	37.13	ng	#	97
84) Di-n-octyl phthalate	14.31	149	805322	36.74	ng		96
85) Indeno(1,2,3-cd)pyrene	16.25	276	899883	37.33	ng		96
87) Benzo(b)fluoranthene	14.67	252	633913m	30.05	ng		
88) Benzo(k)fluoranthene	14.71	252	697017m	43.22	ng		
89) Benzo(a)pyrene	14.98	252	644470	38.00	ng	#	95
90) Dibenzo(a,h)anthracene	16.26	278	754205	39.66	ng		99
91) Benzo(g,h,i)perylene	16.61	276	758065	39.39	ng	#	94

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

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