Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061715\
Data File : BF080029.D
Acq On : 17 Jun 2015 16:17
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF061715

Manual Integrations APPROVED
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6/18/2015 4:06:48 PM

Quant Time: Jun 17 17:09:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	52905	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	207011	20.00	ng		0.00
38) Acenaphthene-d10	10.40	164	109894	20.00	ng		0.00
63) Phenanthrene-d10	11.91	188	218057	20.00	ng		0.00
75) Chrysene-d12	14.92	240	243684	20.00	ng		0.06
86) Perylene-d12	16.83	264	240066	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	237299	79.40	ng		0.00
7) Phenol-d6	6.94	99	332834	83.69	ng		0.00
23) Nitrobenzene-d5	7.90	82	294838	82.92	ng		0.00
41) 2,4,6-Tribromophenol	11.19	330	87249	81.19	ng		-0.01
44) 2-Fluorobiphenyl	9.70	172	618139	80.22	ng		0.00
78) Terphenyl-d14	13.61	244	807592	77.40	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	54727	38.52	ng		84
3) Pyridine	4.04	79	150051	39.72	ng	#	80
4) n-Nitrosodimethylamine	3.94	42	64100	35.70	ng		99
6) Aniline	7.00	93	221811	40.54	ng		98
8) 2-Chlorophenol	7.12	128	140448	40.66	ng		97
9) Benzaldehyde	6.88	77	89167	38.84	ng	#	75
10) Phenol	6.95	94	184122	42.42	ng		75
11) bis(2-Chloroethyl)ether	7.05	93	142114	41.27	ng		96
12) 1,3-Dichlorobenzene	7.28	146	170249m	41.03	ng		
13) 1,4-Dichlorobenzene	7.36	146	159180	40.34	ng		98
14) 1,2-Dichlorobenzene	7.51	146	157380m	40.98	ng		
15) Benzyl Alcohol	7.46	79	134047	41.22	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.60	45	202317	39.58	ng		90
17) 2-Methylphenol	7.57	107	125798	42.64	ng	#	86
18) Hexachloroethane	7.86	117	53336	40.59	ng	#	71
19) n-Nitroso-di-n-propylamine	7.73	70	107032	38.76	ng	#	80
20) 3+4-Methylphenols	7.72	107	155879	40.94	ng		88
22) Acetophenone	7.74	105	206976	42.90	ng	#	83
24) Nitrobenzene	7.91	77	155369	42.33	ng	#	63
25) Isophorone	8.15	82	302628	42.29	ng	#	89
26) 2-Nitrophenol	8.23	139	64064	41.70	ng	#	40
27) 2,4-Dimethylphenol	8.25	122	128034	39.97	ng	#	81
28) bis(2-Chloroethoxy)methane	8.36	93	175294	41.69	ng	#	93
29) 2,4-Dichlorophenol	8.47	162	117686	42.90	ng		93
30) 1,2,4-Trichlorobenzene	8.57	180	131956	42.36	ng		96
31) Naphthalene	8.65	128	454045m	41.95	ng		
32) Benzoic acid	8.32	122	84997	43.89	ng	#	65
33) 4-Chloroaniline	8.69	127	184313m	39.79	ng		
34) Hexachlorobutadiene	8.77	225	82737	43.13	ng		97
35) Caprolactam	9.03	113	39744	44.64	ng		100
36) 4-Chloro-3-methylphenol	9.16	107	134294	43.40	ng		85
37) 2-Methylnaphthalene	9.35	142	288115	41.15	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	127078	39.74	ng		100
40) Hexachlorocyclopentadiene	9.51	237	58628	39.09	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.62	196	88808	40.81	ng		99
43) 2,4,5-Trichlorophenol	9.66	196	103794	41.40	ng		96
45) 1,1'-Biphenyl	9.81	154	349534	39.09	ng		94
46) 2-Chloronaphthalene	9.84	162	300384	41.41	ng		97
47) 2-Nitroaniline	9.92	65	86452	43.41	ng	#	75
48) Acenaphthylene	10.26	152	497769	41.11	ng		97
49) Dimethylphthalate	10.09	163	334376	40.47	ng	#	98
50) 2,6-Dinitrotoluene	10.16	165	72825	43.97	ng	#	80
51) Acenaphthene	10.44	154	306440	41.37	ng		93
52) 3-Nitroaniline	10.33	138	85433	44.71	ng	#	73
53) 2,4-Dinitrophenol	10.44	184	27200	43.24	ng	#	1
54) Dibenzofuran	10.61	168	420511	40.01	ng		92
55) 4-Nitrophenol	10.47	139	62517	40.93	ng	#	35
56) 2,4-Dinitrotoluene	10.57	165	86786	41.29	ng	#	80
57) Fluorene	10.95	166	332476	39.86	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	91747	43.35	ng		92
59) Diethylphthalate	10.80	149	351233	42.22	ng		98
60) 4-Chlorophenyl-phenylether	10.94	204	158827	39.63	ng		96
61) 4-Nitroaniline	10.95	138	82703	41.90	ng	#	68
62) Azobenzene	11.10	77	348136	41.11	ng		91
64) 4,6-Dinitro-2-methylphenol	10.98	198	44312	42.29	ng	#	66
65) n-Nitrosodiphenylamine	11.05	169	296324	41.73	ng		93
66) 4-Bromophenyl-phenylether	11.43	248	96615	41.67	ng		92
67) Hexachlorobenzene	11.51	284	102412	39.74	ng	#	82
68) Atrazine	11.57	200	91140	40.63	ng		81
69) Pentachlorophenol	11.70	266	60762	41.61	ng		100
70) Phenanthrene	11.93	178	535187	40.54	ng		96
71) Anthracene	11.99	178	522015	41.07	ng		98
72) Carbazole	12.14	167	497891	41.03	ng		95
73) Di-n-butylphthalate	12.47	149	572053	40.80	ng	#	99
74) Fluoranthene	13.20	202	564933	40.18	ng		94
76) Benzidine	13.33	184	280419	41.17	ng		98
77) Pyrene	13.47	202	579069	38.60	ng		96
79) Butylbenzylphthalate	14.17	149	251140	41.68	ng		90
80) Benzo(a)anthracene	14.91	228	599739	40.40	ng		96
81) 3,3'-Dichlorobenzidine	14.85	252	210811	41.17	ng	#	93
82) Chrysene	14.95	228	559846	40.90	ng		94
83) Bis(2-ethylhexyl)phthalate	14.88	149	388177	40.76	ng	#	95
84) Di-n-octyl phthalate	15.71	149	661925	40.57	ng		95
85) Indeno(1,2,3-cd)pyrene	18.70	276	690575	40.00	ng	#	88
87) Benzo(b)fluoranthene	16.28	252	601392	41.38	ng	#	88
88) Benzo(k)fluoranthene	16.32	252	573981	38.78	ng	#	86
89) Benzo(a)pyrene	16.75	252	560896	40.63	ng	#	86
90) Dibenzo(a,h)anthracene	18.72	278	565483	40.02	ng	#	81
91) Benzo(g,h,i)perylene	19.26	276	560461	39.29	ng	#	77

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

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