Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078857.D
Acq On : 30 Apr 2015 18:56
Operator : TP/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF043015

Manual Integrations APPROVED
apatel
5/1/2015 4:43:38 PM

Quant Time: Apr 30 19:32:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	87198	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	363415	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	173551	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	326231	20.00	ng		0.00
75) Chrysene-d12	16.29	240	339439	20.00	ng		-0.01
86) Perylene-d12	18.10	264	344928	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	390177	77.02	ng		0.00
7) Phenol-d6	6.91	99	491414	73.39	ng		-0.01
23) Nitrobenzene-d5	8.06	82	477213	75.47	ng		-0.01
41) 2,4,6-Tribromophenol	12.10	330	146923	78.25	ng		-0.01
44) 2-Fluorobiphenyl	10.30	172	965653	77.52	ng		0.00
78) Terphenyl-d14	14.97	244	1126524	79.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	86457	39.25	ng	#	18
3) Pyridine	3.11	79	232109	36.01	ng		99
4) n-Nitrosodimethylamine	3.03	42	108940	39.45	ng		88
6) Aniline	6.96	93	367989	38.93	ng		97
8) 2-Chlorophenol	7.10	128	215755	37.55	ng		94
9) Benzaldehyde	6.82	77	172939	38.34	ng		97
10) Phenol	6.94	94	302125	38.90	ng		93
11) bis(2-Chloroethyl)ether	7.06	93	209834	36.85	ng		87
12) 1,3-Dichlorobenzene	7.29	146	242560	37.56	ng		97
13) 1,4-Dichlorobenzene	7.39	146	253283	38.11	ng		98
14) 1,2-Dichlorobenzene	7.58	146	237050	38.31	ng		98
15) Benzyl Alcohol	7.54	79	184430	37.10	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.72	45	329773	37.85	ng		99
17) 2-Methylphenol	7.69	107	172703	37.35	ng		93
18) Hexachloroethane	8.00	117	88037	38.46	ng		96
19) n-Nitroso-di-n-propylamine	7.88	70	180524	39.92	ng	#	87
20) 3+4-Methylphenols	7.87	107	233831	37.96	ng		93
22) Acetophenone	7.87	105	299918	36.53	ng	#	91
24) Nitrobenzene	8.08	77	233894	37.32	ng		96
25) Isophorone	8.39	82	451751	38.54	ng	#	91
26) 2-Nitrophenol	8.48	139	105542	40.68	ng		94
27) 2,4-Dimethylphenol	8.54	122	201410	38.80	ng		95
28) bis(2-Chloroethoxy)methane	8.66	93	285287	39.48	ng		98
29) 2,4-Dichlorophenol	8.76	162	175100	37.93	ng		92
30) 1,2,4-Trichlorobenzene	8.88	180	193542	38.17	ng		97
31) Naphthalene	8.97	128	640085	36.96	ng		99
32) Benzoic acid	8.63	122	110389	35.80	ng		96
33) 4-Chloroaniline	9.04	127	280241	38.25	ng		94
34) Hexachlorobutadiene	9.13	225	111757	38.27	ng		98
35) Caprolactam	9.47	113	60637	40.62	ng		93
36) 4-Chloro-3-methylphenol	9.64	107	197959	40.83	ng		90
37) 2-Methylnaphthalene	9.84	142	459581	38.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	188215	38.51	ng	#	100
40) Hexachlorocyclopentadiene	10.02	237	94595	38.49	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	134616	40.06	ng		95
43) 2,4,5-Trichlorophenol	10.23	196	134853	39.69	ng	#	88
45) 1,1'-Biphenyl	10.42	154	527215	38.21	ng		96
46) 2-Chloronaphthalene	10.43	162	402545	37.40	ng		98
47) 2-Nitroaniline	10.56	65	118205	37.91	ng		90
48) Acenaphthylene	10.95	152	673413	38.11	ng		99
49) Dimethylphthalate	10.80	163	473657	37.19	ng		99
50) 2,6-Dinitrotoluene	10.88	165	97309	38.71	ng	#	65
51) Acenaphthene	11.16	154	399820	37.94	ng		99
52) 3-Nitroaniline	11.07	138	120578	38.40	ng	#	82
53) 2,4-Dinitrophenol	11.20	184	25803	38.08	ng	#	66
54) Dibenzofuran	11.38	168	581564	38.21	ng		99
55) 4-Nitrophenol	11.27	139	89826	36.14	ng	#	69
56) 2,4-Dinitrotoluene	11.37	165	131927	39.70	ng	#	68
57) Fluorene	11.81	166	466774	37.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.53	232	108444	39.06	ng	#	100
59) Diethylphthalate	11.68	149	490502	38.87	ng		99
60) 4-Chlorophenyl-phenylether	11.82	204	213953	38.60	ng		95
61) 4-Nitroaniline	11.83	138	117877	37.52	ng		95
62) Azobenzene	12.01	77	484667	38.98	ng		97
64) 4,6-Dinitro-2-methylphenol	11.87	198	47763	38.30	ng	#	58
65) n-Nitrosodiphenylamine	11.97	169	424654	39.09	ng		98
66) 4-Bromophenyl-phenylether	12.42	248	130201	38.29	ng		94
67) Hexachlorobenzene	12.48	284	146276	37.64	ng		93
68) Atrazine	12.63	200	119561	37.84	ng		98
69) Pentachlorophenol	12.73	266	76953	37.79	ng		98
70) Phenanthrene	13.01	178	698609	38.28	ng		99
71) Anthracene	13.06	178	675250	37.71	ng		100
72) Carbazole	13.27	167	655673	38.42	ng		99
73) Di-n-butylphthalate	13.71	149	805597	39.36	ng		99
74) Fluoranthene	14.48	202	733728	38.58	ng		99
76) Benzidine	14.66	184	370736	40.53	ng		100
77) Pyrene	14.77	202	781439	39.95	ng		99
79) Butylbenzylphthalate	15.59	149	346221	40.49	ng		98
80) Benzo(a)anthracene	16.27	228	723252	38.91	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	267728	40.44	ng	#	98
82) Chrysene	16.32	228	681049	38.09	ng		100
83) Bis(2-ethylhexyl)phthalate	16.33	149	547387	42.27	ng		97
84) Di-n-octyl phthalate	17.17	149	904059	39.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.62	276	898025	39.42	ng	#	100
87) Benzo(b)fluoranthene	17.63	252	700340	37.09	ng		98
88) Benzo(k)fluoranthene	17.67	252	751914m	41.14	ng		
89) Benzo(a)pyrene	18.03	252	675852	38.88	ng	#	97
90) Dibenzo(a,h)anthracene	19.66	278	720982	39.02	ng		98
91) Benzo(g,h,i)perylene	20.08	276	714145	38.57	ng		99

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

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