Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093731.D
Acq On : 18 Mar 2017 4:33
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF031817

Manual Integrations APPROVED
mohammad
3/20/2017 12:58:10 PM

Quant Time: Mar 18 05:35:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217115	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	919701	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	474714	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	724151	20.00	ng		0.00
75) Chrysene-d12	14.00	240	458156	20.00	ng		0.00
86) Perylene-d12	15.41	264	443620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1021936	78.47	ng		0.00
7) Phenol-d6	6.48	99	1297215	80.37	ng		0.00
23) Nitrobenzene-d5	7.41	82	1268299	82.77	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	265265	85.38	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1775483	70.58	ng		0.00
78) Terphenyl-d14	12.95	244	1669510	78.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	272061	40.46	ng		98
3) Pyridine	3.14	79	752285	40.90	ng		95
4) n-Nitrosodimethylamine	3.10	42	329419	40.93	ng		98
6) Aniline	6.50	93	919181	39.83	ng		99
8) 2-Chlorophenol	6.63	128	565362	39.04	ng		99
9) Benzaldehyde	6.39	77	370172	42.89	ng		100
10) Phenol	6.49	94	840092	44.52	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	582840	39.19	ng		99
12) 1,3-Dichlorobenzene	6.79	146	637962	39.77	ng		99
13) 1,4-Dichlorobenzene	6.87	146	679333	41.35	ng		99
14) 1,2-Dichlorobenzene	7.02	146	557270	36.28	ng		99
15) Benzyl Alcohol	6.98	79	490143	40.56	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	892115	38.05	ng		100
17) 2-Methylphenol	7.10	107	522549	41.69	ng		99
18) Hexachloroethane	7.37	117	236215	40.47	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	400255	37.35	ng		97
20) 3+4-Methylphenols	7.26	107	542907	36.54	ng		98
22) Acetophenone	7.26	105	709999	34.65	ng		98
24) Nitrobenzene	7.43	77	602140	36.35	ng		100
25) Isophorone	7.68	82	1144343	38.80	ng	#	91
26) 2-Nitrophenol	7.75	139	309664	49.37	ng		98
27) 2,4-Dimethylphenol	7.78	122	545819	38.03	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	711905	38.24	ng		100
29) 2,4-Dichlorophenol	7.99	162	489095	39.66	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	516303	40.17	ng		99
31) Naphthalene	8.16	128	1767481	39.42	ng		100
32) Benzoic acid	7.91	122	358776	41.03	ng		99
33) 4-Chloroaniline	8.21	127	705607	37.57	ng	#	87
34) Hexachlorobutadiene	8.29	225	260415	38.69	ng		100
35) Caprolactam	8.57	113	153442	37.07	ng		94
36) 4-Chloro-3-methylphenol	8.69	107	530180	40.84	ng		98
37) 2-Methylnaphthalene	8.85	142	1110672	38.24	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	446659	40.18	ng		100
40) Hexachlorocyclopentadiene	9.01	237	212339	38.24	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	341543	41.67	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	296521	35.09	ng		99
45) 1,1'-Biphenyl	9.32	154	1322051	39.72	ng		99
46) 2-Chloronaphthalene	9.34	162	1016955	38.08	ng		99
47) 2-Nitroaniline	9.42	65	287208	37.17	ng		99
48) Acenaphthylene	9.75	152	1743361	40.03	ng		99
49) Dimethylphthalate	9.61	163	1091218	35.19	ng		100
50) 2,6-Dinitrotoluene	9.67	165	297099	44.36	ng		99
51) Acenaphthene	9.92	154	1004832	39.15	ng		99
52) 3-Nitroaniline	9.83	138	285884	35.98	ng		99
53) 2,4-Dinitrophenol	9.93	184	99663	42.80	ng		93
54) Dibenzofuran	10.09	168	1407760	40.34	ng		100
55) 4-Nitrophenol	9.99	139	282193	47.07	ng		95
56) 2,4-Dinitrotoluene	10.07	165	396648	44.49	ng		96
57) Fluorene	10.44	166	1060385	37.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	241601	41.57	ng		98
59) Diethylphthalate	10.31	149	1108698	37.56	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	411519	34.51	ng		99
61) 4-Nitroaniline	10.45	138	326012	44.09	ng		97
62) Azobenzene	10.58	77	1144839	38.39	ng		100
64) 4,6-Dinitro-2-methylphenol	10.47	198	148188	39.13	ng		100
65) n-Nitrosodiphenylamine	10.54	169	966378	39.53	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	274581	40.11	ng		98
67) Hexachlorobenzene	10.98	284	293833	41.07	ng		96
68) Atrazine	11.08	200	313660	44.56	ng		99
69) Pentachlorophenol	11.17	266	177964	43.41	ng		99
70) Phenanthrene	11.38	178	1484209	36.25	ng		99
71) Anthracene	11.44	178	1604579	40.05	ng		100
72) Carbazole	11.59	167	1500954	35.79	ng		100
73) Di-n-butylphthalate	11.93	149	1637014	38.19	ng		99
74) Fluoranthene	12.57	202	1576587	39.74	ng		100
76) Benzidine	12.69	184	688979	38.49	ng		98
77) Pyrene	12.80	202	1691003	43.40	ng		100
79) Butylbenzylphthalate	13.43	149	737270	44.54	ng		100
80) Benzo(a)anthracene	13.98	228	1187501	40.38	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	412947	40.03	ng		99
82) Chrysene	14.03	228	1252640	44.08	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	785048	43.14	ng		99
84) Di-n-octyl phthalate	14.60	149	1442078	42.98	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	1013575	42.11	ng		99
87) Benzo(b)fluoranthene	15.01	252	1104709	39.28	ng		99
88) Benzo(k)fluoranthene	15.03	252	956146m	38.47	ng		
89) Benzo(a)pyrene	15.35	252	982263	39.52	ng		99
90) Dibenzo(a,h)anthracene	16.80	278	861013	40.95	ng		98
91) Benzo(g,h,i)perylene	17.20	276	873628	40.86	ng	#	93

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

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