Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085538.D
Acq On : 18 Mar 2016 17:47
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
3/21/2016 2:48:29 PM

Quant Time: Mar 18 23:19:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:01:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	157637	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	613122	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	295658	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	546999	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	499173	20.00	ng		0.00
86) Perylene-d12	15.44	264	417183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	207072	21.96	ng		-0.01
7) Phenol-d6	6.48	99	274961	22.80	ng		-0.01
23) Nitrobenzene-d5	7.42	82	242043	22.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	55784	20.66	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	429973	24.58	ng		-0.01
78) Terphenyl-d14	12.96	244	426609	19.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	43093	9.32	ng		95
3) Pyridine	3.21	79	106270	9.69	ng		97
4) n-Nitrosodimethylamine	3.12	42	42615	8.57	ng		95
6) Aniline	6.52	93	171844	10.48	ng		92
8) 2-Chlorophenol	6.63	128	116937	10.70	ng		87
9) Benzaldehyde	6.40	77	74946	11.15	ng		90
10) Phenol	6.49	94	161345	11.66	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	115329	11.06	ng		96
12) 1,3-Dichlorobenzene	6.79	146	126788	10.63	ng	#	92
13) 1,4-Dichlorobenzene	6.87	146	132721	11.03	ng		97
14) 1,2-Dichlorobenzene	7.02	146	117636m	11.00	ng		
15) Benzyl Alcohol	7.00	79	95243	11.29	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	139726	9.95	ng		100
17) 2-Methylphenol	7.11	107	95925	10.69	ng		97
18) Hexachloroethane	7.37	117	45552	10.36	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	77427	10.60	ng	#	84
20) 3+4-Methylphenols	7.26	107	124137	12.59	ng		96
22) Acetophenone	7.26	105	166699	11.07	ng	#	92
24) Nitrobenzene	7.43	77	118484	10.23	ng		95
25) Isophorone	7.67	82	215534	10.18	ng		96
26) 2-Nitrophenol	7.76	139	56682	9.97	ng	#	88
27) 2,4-Dimethylphenol	7.80	122	113417	11.41	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	126056	9.92	ng		99
29) 2,4-Dichlorophenol	8.00	162	86462	10.51	ng		92
30) 1,2,4-Trichlorobenzene	8.08	180	100682	10.77	ng		98
31) Naphthalene	8.16	128	363445	12.14	ng		98
32) Benzoic acid	7.88	122	79284	12.90	ng		99
33) 4-Chloroaniline	8.21	127	134071	10.29	ng	#	92
34) Hexachlorobutadiene	8.29	225	52648	10.74	ng		97
35) Caprolactam	8.55	113	28524	10.61	ng		88
36) 4-Chloro-3-methylphenol	8.69	107	107389	11.27	ng		95
37) 2-Methylnaphthalene	8.85	142	208195	10.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	97011	10.85	ng		97
40) Hexachlorocyclopentadiene	9.01	237	37700	8.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	68738	11.38	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	65175	10.67	ng	#	86
45) 1,1'-Biphenyl	9.32	154	298715	12.40	ng		96
46) 2-Chloronaphthalene	9.34	162	206573	11.33	ng		93
47) 2-Nitroaniline	9.43	65	56122	10.08	ng	#	84
48) Acenaphthylene	9.75	152	331285	11.16	ng		99
49) Dimethylphthalate	9.61	163	245428	11.44	ng		99
50) 2,6-Dinitrotoluene	9.68	165	47845	10.41	ng	#	61
51) Acenaphthene	9.92	154	205787	11.14	ng		99
52) 3-Nitroaniline	9.84	138	60371	10.82	ng		97
53) 2,4-Dinitrophenol	9.96	184	22094	10.00	ng	#	74
54) Dibenzofuran	10.09	168	254636	11.13	ng		94
55) 4-Nitrophenol	10.00	139	47258	11.70	ng		99
56) 2,4-Dinitrotoluene	10.08	165	67269	11.20	ng		92
57) Fluorene	10.44	166	218062	11.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	48005	11.44	ng		97
59) Diethylphthalate	10.31	149	237715	11.22	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	111395	12.12	ng		89
61) 4-Nitroaniline	10.45	138	56707	10.44	ng		87
62) Azobenzene	10.60	77	232805	11.21	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	31927	9.88	ng		86
65) n-Nitrosodiphenylamine	10.55	169	203748	11.89	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	58777	10.53	ng	#	87
67) Hexachlorobenzene	10.98	284	58962	10.15	ng	#	63
68) Atrazine	11.08	200	60581	12.08	ng		98
69) Pentachlorophenol	11.18	266	34629	11.18	ng		97
70) Phenanthrene	11.40	178	329963	11.37	ng		99
71) Anthracene	11.45	178	363109	12.57	ng		98
72) Carbazole	11.60	167	293414	11.63	ng		99
73) Di-n-butylphthalate	11.95	149	371448	11.91	ng		98
74) Fluoranthene	12.59	202	345500	12.60	ng		95
76) Benzidine	12.71	184	202773	12.73	ng		98
77) Pyrene	12.81	202	358137	9.48	ng		100
79) Butylbenzylphthalate	13.43	149	161249	9.77	ng	#	72
80) Benzo(a)anthracene	14.00	228	308783	10.74	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	107737	11.06	ng	#	97
82) Chrysene	14.04	228	271379	10.09	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	217626	10.80	ng		100
84) Di-n-octyl phthalate	14.61	149	356692	11.82	ng		100
85) Indeno(1,2,3-cd)pyrene	16.83	276	224830	9.45	ng		100
87) Benzo(b)fluoranthene	15.03	252	273959	10.02	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	233453m	10.66	ng		
89) Benzo(a)pyrene	15.37	252	237490	10.07	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	188792	8.49	ng		99
91) Benzo(g,h,i)perylene	17.25	276	179090	7.94	ng		98

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

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