Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090334.D
Acq On : 4 Oct 2016 10:38
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
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10/5/2016 7:26:17 PM

Quant Time: Oct 04 14:08:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:47:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	301047	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1251733	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	653397	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	985485	20.00	ng		0.00
75) Chrysene-d12	14.19	240	861427	20.00	ng		0.00
86) Perylene-d12	15.70	264	726123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	100947	5.47	ng		-0.01
7) Phenol-d6	6.62	99	121918	5.35	ng		-0.01
23) Nitrobenzene-d5	7.56	82	92096	4.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	23903	4.26	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	220246	6.62	ng		-0.01
78) Terphenyl-d14	13.13	244	189678	5.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	23730	2.37	ng	#	85
3) Pyridine	3.51	79	57372m	2.64	ng		
4) n-Nitrosodimethylamine	3.42	42	21611	3.33	ng	#	50
6) Aniline	6.66	93	85782	3.02	ng		93
8) 2-Chlorophenol	6.79	128	55928	2.63	ng		87
9) Benzaldehyde	6.55	77	29743	2.99	ng		95
10) Phenol	6.63	94	70708	2.62	ng		84
11) bis(2-Chloroethyl)ether	6.73	93	57008	2.71	ng		98
12) 1,3-Dichlorobenzene	6.95	146	61513	2.77	ng		95
13) 1,4-Dichlorobenzene	7.03	146	61195	2.70	ng		94
14) 1,2-Dichlorobenzene	7.18	146	58325	2.89	ng		98
15) Benzyl Alcohol	7.14	79	40760	3.00	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	7.28	45	85005	3.38	ng		94
17) 2-Methylphenol	7.24	107	45431	2.71	ng		97
18) Hexachloroethane	7.53	117	19277	2.38	ng	#	88
19) n-Nitroso-di-n-propylamine	7.40	70	41534	3.10	ng	#	85
20) 3+4-Methylphenols	7.39	107	54060	2.69	ng	#	81
22) Acetophenone	7.40	105	71807	2.38	ng	#	96
24) Nitrobenzene	7.59	77	47218	2.10	ng	#	87
25) Isophorone	7.83	82	102729	2.28	ng	#	94
27) 2,4-Dimethylphenol	7.93	122	49369	2.51	ng		96
28) bis(2-Chloroethoxy)methane	8.03	93	63525	2.33	ng	#	96
29) 2,4-Dichlorophenol	8.15	162	36834	2.13	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	47388	2.75	ng		96
31) Naphthalene	8.32	128	174565	2.93	ng		96
33) 4-Chloroaniline	8.36	127	57109	2.31	ng	#	84
34) Hexachlorobutadiene	8.44	225	25673	2.82	ng		97
36) 4-Chloro-3-methylphenol	8.83	107	40946	2.10	ng		87
37) 2-Methylnaphthalene	9.00	142	97503	2.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	47405	3.16	ng		99
42) 2,4,6-Trichlorophenol	9.28	196	24412	2.28	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	25024	2.26	ng		96
45) 1,1'-Biphenyl	9.47	154	137389	2.94	ng		96
46) 2-Chloronaphthalene	9.50	162	97547	2.83	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	9.92	152	153777	2.75	ng		95
51) Acenaphthene	10.09	154	94864	2.85	ng		97
54) Dibenzofuran	10.26	168	129959	2.97	ng		97
57) Fluorene	10.60	166	111935	3.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.38	232	18621	2.25	ng		96
59) Diethylphthalate	10.47	149	126918	3.16	ng	#	91
60) 4-Chlorophenyl-phenylether	10.59	204	45074	3.00	ng	#	87
62) Azobenzene	10.75	77	106905	2.56	ng		87
65) n-Nitrosodiphenylamine	10.71	169	87161	2.69	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	25356	2.61	ng	#	80
67) Hexachlorobenzene	11.15	284	32516	2.88	ng	#	88
68) Atrazine	11.23	200	20526	2.31	ng		96
70) Phenanthrene	11.57	178	142494	3.09	ng		96
71) Anthracene	11.62	178	152193	3.15	ng		96
72) Carbazole	11.77	167	139934	2.74	ng		94
73) Di-n-butylphthalate	12.11	149	159274	2.68	ng	#	94
74) Fluoranthene	12.77	202	142713	2.88	ng		89
77) Pyrene	12.99	202	151306	2.57	ng		96
80) Benzo(a)anthracene	14.18	228	127161	2.74	ng		95
81) 3,3'-Dichlorobenzidine	14.15	252	38452	2.01	ng	#	97
82) Chrysene	14.22	228	119491	2.65	ng		95
83) Bis(2-ethylhexyl)phthalate	14.18	149	84616	2.29	ng		98
87) Benzo(b)fluoranthene	15.26	252	104228	2.59	ng		99
88) Benzo(k)fluoranthene	15.28	252	102774m	2.72	ng		
89) Benzo(a)pyrene	15.63	252	89821	2.37	ng		97
90) Dibenzo(a,h)anthracene	17.23	278	78031	2.64	ng	#	94
91) Benzo(g,h,i)perylene	17.67	276	75805	2.62	ng		97

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

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