Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097590.D
Acq On : 11 Aug 2017 11:58
Operator : SJ/JU
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Quant Time: Aug 11 15:49:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 14:33:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	109497	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	461809	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	196756	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	342181	20.00	ng		0.00
75) Chrysene-d12	18.46	240	226308	20.00	ng		0.00
86) Perylene-d12	20.12	264	190338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	24044	3.50	ng		0.09
7) Phenol-d6	7.09	99	39758	4.83	ng		0.03
23) Nitrobenzene-d5	8.43	82	38269	5.15	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	7099	4.08	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	78449	5.55	ng		0.00
78) Terphenyl-d14	17.11	244	70343	7.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	8217	2.514	ng	#	70
3) Pyridine	2.55	79	17147m	2.232	ng		
4) n-Nitrosodimethylamine	2.50	42	10804m	3.699	ng		
6) Aniline	7.03	93	30355	2.820	ng		89
8) 2-Chlorophenol	7.22	128	20010	2.739	ng		91
9) Benzaldehyde	6.87	77	13800m	2.487	ng		
10) Phenol	7.13	94	20714	2.427	ng		95
11) bis(2-Chloroethyl)ether	7.16	93	18969	2.806	ng		97
12) 1,3-Dichlorobenzene	7.42	146	23324	2.820	ng		96
13) 1,4-Dichlorobenzene	7.54	146	24366	2.905	ng		90
14) 1,2-Dichlorobenzene	7.77	146	22298	2.884	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.01	45	45204	4.759	ng		96
17) 2-Methylphenol	8.05	107	16232	2.647	ng	#	93
18) Hexachloroethane	8.29	117	8666	3.129	ng	#	75
19) n-Nitroso-di-n-propylamine	8.22	70	14166	2.717	ng	#	74
20) 3+4-Methylphenols	8.35	107	16294	2.093	ng	#	58
22) Acetophenone	8.21	105	29006	2.683	ng		96
24) Nitrobenzene	8.47	77	22319	2.810	ng	#	89
25) Isophorone	8.85	82	34625	2.494	ng		98
27) 2,4-Dimethylphenol	9.13	122	17484	2.709	ng	#	88
28) bis(2-Chloroethoxy)methane	9.23	93	26672	2.914	ng		96
29) 2,4-Dichlorophenol	9.46	162	14881m	2.394	ng		
30) 1,2,4-Trichlorobenzene	9.47	180	15864	2.452	ng	#	93
31) Naphthalene	9.57	128	63548	2.742	ng		98
33) 4-Chloroaniline	9.75	127	25312	2.794	ng		97
34) Hexachlorobutadiene	9.79	225	8095	2.422	ng		96
36) 4-Chloro-3-methylphenol	10.62	107	16714	2.568	ng		91
37) 2-Methylnaphthalene	10.70	142	41710	2.664	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	14166	2.406	ng		97
42) 2,4,6-Trichlorophenol	11.23	196	8788	2.321	ng		98
43) 2,4,5-Trichlorophenol	11.34	196	8241	2.046	ng		95
45) 1,1'-Biphenyl	11.47	154	48666	3.001	ng		96
46) 2-Chloronaphthalene	11.49	162	37853	2.987	ng	#	93
47) 2-Nitroaniline	11.72	65	11632	3.137	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	12.13	152	55463	2.560	ng		98
49) Dimethylphthalate	12.00	163	40030	2.680	ng		99
50) 2,6-Dinitrotoluene	12.11	165	7451	2.287	ng	#	72
51) Acenaphthene	12.42	154	34722	2.775	ng		96
52) 3-Nitroaniline	12.40	138	9621	2.534	ng		99
54) Dibenzofuran	12.71	168	46925	2.664	ng		97
57) Fluorene	13.26	166	40375	2.634	ng		95
59) Diethylphthalate	13.15	149	38688	2.691	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	17003	2.551	ng		94
61) 4-Nitroaniline	13.38	138	9520	2.686	ng		85
62) Azobenzene	13.54	77	38190	2.931	ng		93
65) n-Nitrosodiphenylamine	13.49	169	34013	2.766	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	8904	2.504	ng		92
67) Hexachlorobenzene	14.15	284	10075	2.875	ng	#	84
68) Atrazine	14.40	200	7706	2.252	ng		96
70) Phenanthrene	14.80	178	56078	2.840	ng		95
71) Anthracene	14.89	178	56969	2.764	ng		100
72) Carbazole	15.18	167	53030	2.640	ng		97
73) Di-n-butylphthalate	15.76	149	60075	2.811	ng	#	98
74) Fluoranthene	16.57	202	51649	2.643	ng		97
77) Pyrene	16.87	202	56790	3.363	ng		98
79) Butylbenzylphthalate	17.78	149	15754	2.136	ng	#	86
80) Benzo(a)anthracene	18.44	228	34827	2.647	ng		98
81) 3,3'-Dichlorobenzidine	18.43	252	12277	2.624	ng	#	96
82) Chrysene	18.49	228	34463	2.621	ng		98
83) Bis(2-ethylhexyl)phthalate	18.53	149	23885	2.296	ng		98
84) Di-n-octyl phthalate	19.30	149	38219	2.230	ng	#	92
85) Indeno(1,2,3-cd)pyrene	21.36	276	31601	2.809	ng	#	92
87) Benzo(b)fluoranthene	19.72	252	28946	2.429	ng		96
88) Benzo(k)fluoranthene	19.76	252	30116m	2.644	ng		
89) Benzo(a)pyrene	20.07	252	27549	2.515	ng		95
91) Benzo(g,h,i)perylene	21.71	276	27619	2.915	ng		96

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

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