Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085082.D
Acq On : 17 Feb 2016 11:44
Operator : SJ/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
Sohil
2/19/2016 7:56:23 AM

Quant Time: Feb 17 16:28:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 14:23:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	232370	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	824608	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	438475	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	910670	20.00	ng		0.00
75) Chrysene-d12	14.15	240	860844	20.00	ng		-0.01
86) Perylene-d12	15.63	264	839121	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	60711	4.57	ng		0.00
7) Phenol-d6	6.59	99	83456	4.71	ng		-0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	10.82	330	17006	3.76	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	167435	5.46	ng		-0.01
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	13939	2.55	ng		86
3) Pyridine	3.53	79	34442	2.69	ng		90
4) n-Nitrosodimethylamine	3.43	42	17286	2.63	ng	#	92
6) Aniline	6.65	93	53334	2.91	ng	#	66
8) 2-Chlorophenol	6.76	128	37044	2.27	ng		98
9) Benzaldehyde	6.54	77	27420	2.87	ng		95
10) Phenol	6.60	94	44255m	2.14	ng		
12) 1,3-Dichlorobenzene	6.94	146	41308m	2.54	ng		
13) 1,4-Dichlorobenzene	7.00	146	40909	2.26	ng		95
14) 1,2-Dichlorobenzene	7.16	146	41213	2.43	ng		96
15) Benzyl Alcohol	7.12	79	28019	2.59	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	55621	2.04	ng		94
17) 2-Methylphenol	7.23	107	27589	2.33	ng	#	81
18) Hexachloroethane	7.51	117	13525	2.03	ng	#	88
19) n-Nitroso-di-n-propylamine	7.39	70	27311	2.45	ng		90
20) 3+4-Methylphenols	7.38	107	37727	2.53	ng		91
22) Acetophenone	7.39	105	61481	2.91	ng	#	97
25) Isophorone	7.80	82	76624	3.06	ng		98
27) 2,4-Dimethylphenol	7.92	122	33625m	2.84	ng		
28) bis(2-Chloroethoxy)methane	8.02	93	44355	2.85	ng		99
29) 2,4-Dichlorophenol	8.12	162	26305	2.45	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	36139	2.92	ng		98
31) Naphthalene	8.30	128	117970	2.95	ng		99
33) 4-Chloroaniline	8.34	127	47300	3.12	ng		96
34) Hexachlorobutadiene	8.42	225	21847	3.15	ng		94
35) Caprolactam	8.66	113	6680	2.31	ng		92
36) 4-Chloro-3-methylphenol	8.81	107	29750	2.44	ng		94
37) 2-Methylnaphthalene	8.99	142	73303	2.87	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	37287	2.63	ng		95
42) 2,4,6-Trichlorophenol	9.27	196	16836	2.16	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	18181	2.00	ng		93
45) 1,1'-Biphenyl	9.45	154	104884	2.63	ng		98
46) 2-Chloronaphthalene	9.47	162	71329	2.52	ng		100
48) Acenaphthylene	9.90	152	117531	2.62	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	9.75	163	76002	2.31	ng	#	99
51) Acenaphthene	10.07	154	74168	2.73	ng		99
54) Dibenzofuran	10.24	168	97859	2.70	ng	#	89
57) Fluorene	10.58	166	84976	2.73	ng		99
59) Diethylphthalate	10.44	149	91920	2.82	ng		98
60) 4-Chlorophenyl-phenylether	10.57	204	43741	2.93	ng		99
62) Azobenzene	10.73	77	80838	2.58	ng		94
65) n-Nitrosodiphenylamine	10.68	169	78326	2.71	ng		97
66) 4-Bromophenyl-phenylether	11.06	248	27575	2.72	ng		94
67) Hexachlorobenzene	11.13	284	27826	2.57	ng	#	72
68) Atrazine	11.21	200	18664	2.23	ng		95
70) Phenanthrene	11.54	178	131434	2.62	ng		96
71) Anthracene	11.59	178	123400	2.35	ng		100
72) Carbazole	11.74	167	108708	2.50	ng		99
73) Di-n-butylphthalate	12.08	149	116869	2.05	ng		99
74) Fluoranthene	12.73	202	135554	2.71	ng		96
77) Pyrene	12.96	202	144046	2.09	ng		96
80) Benzo(a)anthracene	14.14	228	136687	2.74	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	40388	2.79	ng	#	99
82) Chrysene	14.17	228	126119	2.61	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	119442	2.97	ng		98
87) Benzo(b)fluoranthene	15.19	252	143098	2.60	ng	#	97
88) Benzo(k)fluoranthene	15.22	252	92871m	2.11	ng		
89) Benzo(a)pyrene	15.57	252	107589	2.31	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	98400	2.23	ng		98
91) Benzo(g,h,i)perylene	17.54	276	100640	2.19	ng		99

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

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