Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086414.D
Acq On : 27 Apr 2016 10:28
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
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Quant Time: Apr 27 14:04:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 12:41:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	106419	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	518134	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	244722	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	492274	20.00	ng		0.00
75) Chrysene-d12	13.95	240	398671	20.00	ng		-0.01
86) Perylene-d12	15.36	264	311287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	26022	4.22	ng		-0.01
7) Phenol-d6	6.43	99	42853	5.12	ng		-0.01
23) Nitrobenzene-d5	7.37	82	44130	5.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	11580	5.23	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	12.90	244	101420	6.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	8980	2.64	ng	#	79
4) n-Nitrosodimethylamine	3.06	42	8734	3.01	ng	#	46
8) 2-Chlorophenol	6.58	128	21457	2.85	ng		93
10) Phenol	6.44	94	27773	2.81	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	23366	2.71	ng		98
12) 1,3-Dichlorobenzene	6.74	146	22665	2.82	ng	#	95
13) 1,4-Dichlorobenzene	6.82	146	24232	2.75	ng		96
15) Benzyl Alcohol	6.94	79	10823m	2.18	ng		
16) 2,2'-oxybis(1-Chloropropan	7.08	45	46982	4.16	ng		92
17) 2-Methylphenol	7.06	107	15020	2.44	ng		93
18) Hexachloroethane	7.31	117	8978	3.02	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	16292	3.25	ng	#	71
20) 3+4-Methylphenols	7.21	107	17421	2.67	ng	#	74
22) Acetophenone	7.21	105	26687	2.46	ng	#	81
24) Nitrobenzene	7.38	77	22295	2.38	ng		95
25) Isophorone	7.62	82	47948	2.80	ng		97
27) 2,4-Dimethylphenol	7.74	122	19040	2.40	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	24386	2.55	ng		99
29) 2,4-Dichlorophenol	7.95	162	13893	2.12	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	20808	2.92	ng		96
31) Naphthalene	8.11	128	74858	2.84	ng		99
33) 4-Chloroaniline	8.17	127	21319	2.07	ng		95
34) Hexachlorobutadiene	8.24	225	11557	3.25	ng		93
36) 4-Chloro-3-methylphenol	8.64	107	18397	2.36	ng		97
37) 2-Methylnaphthalene	8.80	142	39246	2.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	19215	3.03	ng		96
42) 2,4,6-Trichlorophenol	9.08	196	9387	2.26	ng		95
43) 2,4,5-Trichlorophenol	9.12	196	12197	2.39	ng	#	93
45) 1,1'-Biphenyl	9.26	154	59025	3.11	ng		97
46) 2-Chloronaphthalene	9.29	162	43356	2.89	ng		98
47) 2-Nitroaniline	9.39	65	10028	2.14	ng		84
48) Acenaphthylene	9.70	152	74307	3.05	ng		98
49) Dimethylphthalate	9.56	163	52843	2.99	ng		99
50) 2,6-Dinitrotoluene	9.62	165	7842	2.05	ng	#	66

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	9.87	154	45717	3.05	ng		96
54) Dibenzofuran	10.04	168	58423	3.04	ng		98
57) Fluorene	10.38	166	49507	3.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	8701	2.33	ng	#	92
59) Diethylphthalate	10.26	149	51931	3.07	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	22028	3.20	ng	#	82
62) Azobenzene	10.53	77	53826	3.07	ng		83
65) n-Nitrosodiphenylamine	10.50	169	41491	2.73	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	12100	2.51	ng	#	86
67) Hexachlorobenzene	10.93	284	15308	2.98	ng		93
68) Atrazine	11.02	200	11746	2.51	ng		95
70) Phenanthrene	11.34	178	69422	2.81	ng		98
71) Anthracene	11.39	178	76439	2.70	ng		99
72) Carbazole	11.55	167	62441	2.35	ng		99
73) Di-n-butylphthalate	11.89	149	65949	2.36	ng		98
74) Fluoranthene	12.52	202	69044	2.59	ng		97
77) Pyrene	12.75	202	78406	2.82	ng		99
79) Butylbenzylphthalate	13.38	149	26015	2.01	ng	#	80
80) Benzo(a)anthracene	13.94	228	58567	2.83	ng		97
81) 3,3'-Dichlorobenzidine	13.91	252	33728	2.36	ng		99
82) Chrysene	13.97	228	64888	2.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	37941	2.62	ng	#	96
87) Benzo(b)fluoranthene	14.96	252	39402m	2.31	ng		
88) Benzo(k)fluoranthene	14.98	252	57528m	3.43	ng		
89) Benzo(a)pyrene	15.30	252	45949	2.73	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	29526	2.12	ng		98
91) Benzo(g,h,i)perylene	17.11	276	31231	2.18	ng		97

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

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