Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
Data File : BF086216.D
Acq On : 15 Apr 2016 14:49
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
4/18/2016 7:26:11 PM

Quant Time: Apr 15 16:03:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 15 14:57:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	261840	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1099625	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	469894	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	853878	20.00	ng		0.00
75) Chrysene-d12	14.04	240	660601	20.00	ng		-0.01
86) Perylene-d12	15.48	264	480921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	100135	3.13	ng		-0.01
7) Phenol-d6	6.50	99	133526	3.34	ng		-0.02
23) Nitrobenzene-d5	7.45	82	111088	2.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	24234	3.21	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	25801	2.93	ng		94
3) Pyridine	3.32	79	52804	2.30	ng		93
4) n-Nitrosodimethylamine	3.20	42	21832	2.63	ng	#	58
6) Aniline	6.54	93	82632	2.87	ng		98
8) 2-Chlorophenol	6.67	128	54792	3.03	ng	#	80
9) Benzaldehyde	6.43	77	38066	2.68	ng		91
10) Phenol	6.51	94	73308	3.08	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	51351	2.87	ng		99
12) 1,3-Dichlorobenzene	6.83	146	60089	3.13	ng		95
15) Benzyl Alcohol	7.02	79	40301	2.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	76711	2.75	ng		97
17) 2-Methylphenol	7.14	107	39623	2.63	ng	#	92
18) Hexachloroethane	7.41	117	19353	2.81	ng		92
19) n-Nitroso-di-n-propylamine	7.30	70	39077	3.05	ng		93
22) Acetophenone	7.30	105	78528	3.39	ng	#	92
24) Nitrobenzene	7.47	77	57883	2.78	ng		98
25) Isophorone	7.71	82	108514	2.87	ng		99
26) 2-Nitrophenol	7.79	139	19692	2.17	ng	#	85
27) 2,4-Dimethylphenol	7.82	122	56625	3.09	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	69491	3.12	ng		96
29) 2,4-Dichlorophenol	8.03	162	37403	2.68	ng		92
30) 1,2,4-Trichlorobenzene	8.12	180	46045	3.15	ng		97
33) 4-Chloroaniline	8.25	127	63445	2.89	ng	#	88
34) Hexachlorobutadiene	8.33	225	21804	2.98	ng		99
35) Caprolactam	8.57	113	11520	2.28	ng	#	67
36) 4-Chloro-3-methylphenol	8.72	107	45423	2.81	ng		98
37) 2-Methylnaphthalene	8.89	142	99164	3.12	ng		97
40) Hexachlorocyclopentadiene	9.05	237	15513	2.80	ng		99
42) 2,4,6-Trichlorophenol	9.16	196	27229	2.94	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	25819	2.89	ng		95
47) 2-Nitroaniline	9.47	65	18715	2.09	ng	#	47
49) Dimethylphthalate	9.65	163	103792	3.04	ng		100
50) 2,6-Dinitrotoluene	9.71	165	18859	2.49	ng		93
52) 3-Nitroaniline	9.87	138	25339	2.76	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	10.02	139	15685	2.18	ng	#	77
56) 2,4-Dinitrotoluene	10.11	165	21205	2.19	ng	#	91
57) Fluorene	10.48	166	109114	4.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	19974m	3.17	ng		
59) Diethylphthalate	10.35	149	117487	3.33	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	47425	3.99	ng	#	88
61) 4-Nitroaniline	10.48	138	22389	2.82	ng		87
62) Azobenzene	10.62	77	97904	2.84	ng		89
65) n-Nitrosodiphenylamine	10.59	169	80652	3.08	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	24542	3.08	ng	#	81
68) Atrazine	11.10	200	21444	2.68	ng		95
69) Pentachlorophenol	11.21	266	10713	2.12	ng		94
71) Anthracene	11.48	178	141650	3.30	ng		97
73) Di-n-butylphthalate	11.98	149	144799	2.89	ng	#	97
74) Fluoranthene	12.62	202	144490	3.46	ng		92
77) Pyrene	12.85	202	145377	2.87	ng		96
80) Benzo(a)anthracene	14.03	228	111499	3.07	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	51454	2.45	ng		99
82) Chrysene	14.07	228	120372	3.11	ng		97
83) Bis(2-ethylhexyl)phthalate	14.04	149	59662	2.36	ng		99
87) Benzo(b)fluoranthene	15.06	252	91052	3.07	ng	#	97
88) Benzo(k)fluoranthene	15.09	252	71299m	2.53	ng		
89) Benzo(a)pyrene	15.41	252	62882m	2.79	ng		
90) Dibenzo(a,h)anthracene	16.90	278	52376	2.31	ng		97
91) Benzo(g,h,i)perylene	17.30	276	53604	2.22	ng	#	88

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

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