Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041816\
Data File : BF086275.D
Acq On : 18 Apr 2016 11:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/19/2016 6:21:27 PM

Quant Time: Apr 19 01:02:10 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 15:56:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	330241	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1408835	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	620566	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	1091686	20.00	ng		0.00
75) Chrysene-d12	14.05	240	718716	20.00	ng		0.00
86) Perylene-d12	15.48	264	659338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1450410	71.96	ng		0.00
7) Phenol-d6	6.52	99	1961784	77.81	ng		0.00
23) Nitrobenzene-d5	7.46	82	1903236	77.92	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	391496	78.56	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2396067	71.25	ng		-0.01
78) Terphenyl-d14	13.00	244	2179394	76.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	458500	41.25	ng		98
3) Pyridine	3.26	79	1136966	39.22	ng		96
4) n-Nitrosodimethylamine	3.21	42	451141	43.08	ng	#	73
6) Aniline	6.56	93	1487866	40.94	ng		98
8) 2-Chlorophenol	6.67	128	861709	37.79	ng		95
9) Benzaldehyde	6.43	77	685206	38.31	ng		90
10) Phenol	6.53	94	1217433	40.55	ng		95
11) bis(2-Chloroethyl)ether	6.62	93	825341	36.54	ng		85
12) 1,3-Dichlorobenzene	6.83	146	929305	38.41	ng		96
13) 1,4-Dichlorobenzene	6.91	146	973812	42.25	ng		97
14) 1,2-Dichlorobenzene	7.06	146	794388m	38.83	ng		
15) Benzyl Alcohol	7.04	79	748964	41.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1446579	41.10	ng		100
17) 2-Methylphenol	7.14	107	797836	41.99	ng		98
18) Hexachloroethane	7.40	117	350663	40.33	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	570246	35.34	ng	#	87
20) 3+4-Methylphenols	7.30	107	744657	34.99	ng		92
22) Acetophenone	7.31	105	1053051	38.83	ng	#	91
24) Nitrobenzene	7.47	77	1012745	37.92	ng		92
25) Isophorone	7.72	82	1886410	38.92	ng		98
26) 2-Nitrophenol	7.79	139	495496	42.55	ng		88
27) 2,4-Dimethylphenol	7.82	122	898972	38.23	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	1028877	36.11	ng		99
29) 2,4-Dichlorophenol	8.03	162	688616	38.52	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	745423	39.84	ng		99
31) Naphthalene	8.20	128	2515085	39.98	ng		100
32) Benzoic acid	7.95	122	657853	43.76	ng		98
33) 4-Chloroaniline	8.25	127	1107113	39.37	ng		97
34) Hexachlorobutadiene	8.32	225	345270	36.83	ng		99
35) Caprolactam	8.62	113	280789	43.38	ng	#	65
36) 4-Chloro-3-methylphenol	8.73	107	783266	37.81	ng		96
37) 2-Methylnaphthalene	8.89	142	1466226	36.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	612271	47.10	ng		98
40) Hexachlorocyclopentadiene	9.05	237	343521	46.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	503278	41.17	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	493764	41.81	ng		95
45) 1,1'-Biphenyl	9.36	154	1750837	39.19	ng		98
46) 2-Chloronaphthalene	9.38	162	1407342	38.59	ng		99
47) 2-Nitroaniline	9.47	65	515645	43.64	ng		95
48) Acenaphthylene	9.79	152	2269773	39.11	ng		99
49) Dimethylphthalate	9.65	163	1780122	39.45	ng		98
50) 2,6-Dinitrotoluene	9.72	165	431893	43.26	ng	#	79
51) Acenaphthene	9.96	154	1395386	40.25	ng		99
52) 3-Nitroaniline	9.88	138	449386	37.04	ng		97
53) 2,4-Dinitrophenol	9.98	184	197876	54.96	ng		88
54) Dibenzofuran	10.13	168	1780649	38.89	ng		92
55) 4-Nitrophenol	10.04	139	443169	46.69	ng	#	57
56) 2,4-Dinitrotoluene	10.12	165	586264	45.87	ng		90
57) Fluorene	10.48	166	1206574	37.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	330070	38.48	ng		99
59) Diethylphthalate	10.36	149	1782996	38.28	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	608128	47.15	ng	#	88
61) 4-Nitroaniline	10.50	138	503195	47.99	ng		87
62) Azobenzene	10.64	77	1918210	42.10	ng		90
64) 4,6-Dinitro-2-methylphenol	10.52	198	252930	48.68	ng		91
65) n-Nitrosodiphenylamine	10.59	169	1238592	37.05	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	411130	40.41	ng	#	86
67) Hexachlorobenzene	11.02	284	398255	37.35	ng		94
68) Atrazine	11.12	200	371631	36.27	ng		97
69) Pentachlorophenol	11.22	266	295729	45.74	ng		99
70) Phenanthrene	11.44	178	1915461	36.74	ng		99
71) Anthracene	11.49	178	2206586	45.07	ng		99
72) Carbazole	11.64	167	1868013	37.67	ng		99
73) Di-n-butylphthalate	11.98	149	2644018	39.43	ng	#	98
74) Fluoranthene	12.62	202	1994981	44.37	ng		99
76) Benzidine	12.75	184	1223602	43.89	ng		97
77) Pyrene	12.85	202	2015407	36.55	ng		100
79) Butylbenzylphthalate	13.47	149	1060274	41.63	ng	#	79
80) Benzo(a)anthracene	14.04	228	1439064	36.47	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	981395	42.91	ng		98
82) Chrysene	14.08	228	1550981	36.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1121232	40.77	ng	#	97
84) Di-n-octyl phthalate	14.65	149	2334814	44.04	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	1494166	43.21	ng		97
87) Benzo(b)fluoranthene	15.07	252	1515947	37.27	ng		99
88) Benzo(k)fluoranthene	15.09	252	1376670m	37.12	ng		
89) Benzo(a)pyrene	15.43	252	1396290	39.63	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	1217735	39.11	ng		97
91) Benzo(g,h,i)perylene	17.32	276	1294615	39.10	ng		96

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

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