Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
Data File : BF090794.D
Acq On : 24 Oct 2016 18:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/25/2016 4:23:58 PM

Quant Time: Oct 24 19:14:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	239325	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	982232	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	509101	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	838052	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	682058	20.00	ng		-0.01
86) Perylene-d12	15.42	264	443205	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1223148	82.42	ng		-0.02
7) Phenol-d6	6.47	99	1501476	74.70	ng		-0.02
23) Nitrobenzene-d5	7.41	82	1401254	78.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	416671	103.40	ng		-0.02
44) 2-Fluorobiphenyl	9.21	172	2407430	73.41	ng		-0.02
78) Terphenyl-d14	12.95	244	2412973	81.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	272644	31.75	ng	#	72
3) Pyridine	3.15	79	856190	42.55	ng	#	72
4) n-Nitrosodimethylamine	3.10	42	250663	36.41	ng	#	71
6) Aniline	6.50	93	913863	40.10	ng	#	67
8) 2-Chlorophenol	6.62	128	720137	40.43	ng		98
9) Benzaldehyde	6.38	77	406112	36.95	ng	#	79
10) Phenol	6.49	94	787069	34.83	ng	#	55
11) bis(2-Chloroethyl)ether	6.58	93	728886m	38.39	ng		
12) 1,3-Dichlorobenzene	6.77	146	702513	39.26	ng	#	91
13) 1,4-Dichlorobenzene	6.85	146	749076	39.47	ng	#	91
14) 1,2-Dichlorobenzene	7.01	146	700615	37.71	ng		98
15) Benzyl Alcohol	6.99	79	518003	37.94	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.11	45	869181	30.57	ng		69
17) 2-Methylphenol	7.10	107	551815	41.11	ng	#	83
18) Hexachloroethane	7.34	117	269902	35.03	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	497971	33.27	ng	#	69
20) 3+4-Methylphenols	7.25	107	597586	37.56	ng	#	57
22) Acetophenone	7.25	105	843658	38.54	ng	#	83
24) Nitrobenzene	7.42	77	737433	37.98	ng	#	69
25) Isophorone	7.66	82	1255067	37.02	ng	#	89
26) 2-Nitrophenol	7.74	139	376174	47.43	ng	#	83
27) 2,4-Dimethylphenol	7.79	122	583365	41.48	ng		87
28) bis(2-Chloroethoxy)methane	7.88	93	769819	41.51	ng	#	95
29) 2,4-Dichlorophenol	7.98	162	525436	45.52	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	582907	42.91	ng		95
31) Naphthalene	8.14	128	1798873	37.44	ng		96
32) Benzoic acid	7.93	122	314415	34.28	ng	#	66
33) 4-Chloroaniline	8.20	127	842263	47.27	ng	#	95
34) Hexachlorobutadiene	8.27	225	344287	45.08	ng		99
35) Caprolactam	8.58	113	148444m	45.03	ng		
36) 4-Chloro-3-methylphenol	8.68	107	538465	40.11	ng	#	80
37) 2-Methylnaphthalene	8.84	142	1248679	44.47	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	545576	39.69	ng		99
40) Hexachlorocyclopentadiene	8.99	237	232985	36.10	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	364313	42.73	ng		100
43) 2,4,5-Trichlorophenol	9.16	196	381119	44.05	ng		96
45) 1,1'-Biphenyl	9.30	154	1401945	35.07	ng		92
46) 2-Chloronaphthalene	9.33	162	1134027	38.16	ng		97
47) 2-Nitroaniline	9.42	65	323158	32.76	ng	#	81
48) Acenaphthylene	9.74	152	1762339	38.87	ng		95
49) Dimethylphthalate	9.61	163	1190080	37.20	ng	#	97
50) 2,6-Dinitrotoluene	9.66	165	277392	40.32	ng	#	64
51) Acenaphthene	9.91	154	1128884	37.50	ng		88
52) 3-Nitroaniline	9.83	138	300615	38.02	ng	#	63
53) 2,4-Dinitrophenol	9.95	184	98146	35.42	ng	#	83
54) Dibenzofuran	10.09	168	1489048	40.84	ng	#	89
55) 4-Nitrophenol	10.01	139	200593	44.16	ng	#	76
56) 2,4-Dinitrotoluene	10.07	165	399376	47.50	ng	#	91
57) Fluorene	10.43	166	1257657	41.62	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303668	44.73	ng		98
59) Diethylphthalate	10.30	149	1195650	36.04	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	574712	41.62	ng	#	88
61) 4-Nitroaniline	10.45	138	331960	41.45	ng	#	56
62) Azobenzene	10.58	77	1325257	34.11	ng		86
64) 4,6-Dinitro-2-methylphenol	10.49	198	173788	33.84	ng	#	57
65) n-Nitrosodiphenylamine	10.54	169	1039077	38.70	ng		91
66) 4-Bromophenyl-phenylether	10.91	248	358150	44.08	ng		98
67) Hexachlorobenzene	10.98	284	458715	47.85	ng	#	80
68) Atrazine	11.07	200	301089	40.63	ng		84
69) Pentachlorophenol	11.17	266	205002	41.77	ng		98
70) Phenanthrene	11.39	178	1738498m	40.70	ng		
71) Anthracene	11.43	178	1825541	38.54	ng		96
72) Carbazole	11.59	167	1659676	41.90	ng	#	93
73) Di-n-butylphthalate	11.93	149	1851660	36.04	ng	#	96
74) Fluoranthene	12.58	202	1821300	44.07	ng		88
76) Benzidine	12.70	184	705768	46.60	ng	#	96
77) Pyrene	12.81	202	1840025m	38.63	ng		
79) Butylbenzylphthalate	13.42	149	809443	36.97	ng	#	87
80) Benzo(a)anthracene	13.99	228	1451017	38.87	ng		96
81) 3,3'-Dichlorobenzidine	13.96	252	564424	43.64	ng	#	94
82) Chrysene	14.03	228	1486744m	40.81	ng		
83) Bis(2-ethylhexyl)phthalate	13.98	149	1003818	32.04	ng	#	94
84) Di-n-octyl phthalate	14.60	149	1591214	33.47	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.83	276	1049490	33.02	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	1163484	42.69	ng	#	88
88) Benzo(k)fluoranthene	15.05	252	1045677m	38.18	ng		
89) Benzo(a)pyrene	15.37	252	1014359	39.67	ng	#	90
90) Dibenzo(a,h)anthracene	16.84	278	897015	36.54	ng	#	84
91) Benzo(g,h,i)perylene	17.24	276	863301	36.25	ng	#	83

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

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