Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101016\
Data File : BF090484.D
Acq On : 10 Oct 2016 13:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
10/11/2016 7:07:32 PM

Quant Time: Oct 10 19:14:49 2016
Quant Method : \\Terastorage\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	230352	20.00	ng		-0.02
21) Naphthalene-d8	8.27	136	975512	20.00	ng		-0.02
38) Acenaphthene-d10	10.03	164	489417	20.00	ng		-0.02
63) Phenanthrene-d10	11.51	188	804268	20.00	ng		-0.03
75) Chrysene-d12	14.17	240	743464	20.00	ng		-0.03
86) Perylene-d12	15.65	264	629650	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1111040	71.98	ng		-0.02
7) Phenol-d6	6.61	99	1424101	70.45	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1431816	71.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.83	330	348279	87.52	ng		-0.02
44) 2-Fluorobiphenyl	9.35	172	2370359	80.70	ng		-0.02
78) Terphenyl-d14	13.10	244	2329622	70.45	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	274270	36.05	ng	#	85
3) Pyridine	3.43	79	785811	37.04	ng	#	76
4) n-Nitrosodimethylamine	3.38	42	261424	29.86	ng	#	42
6) Aniline	6.63	93	1026651	36.77	ng		92
8) 2-Chlorophenol	6.77	128	617423	36.35	ng	#	83
9) Benzaldehyde	6.52	77	333010	32.59	ng		95
10) Phenol	6.62	94	755460	32.14	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	656383	36.48	ng		98
12) 1,3-Dichlorobenzene	6.92	146	651362m	38.47	ng		
13) 1,4-Dichlorobenzene	7.00	146	696694	40.51	ng		95
14) 1,2-Dichlorobenzene	7.15	146	579831	34.99	ng		97
15) Benzyl Alcohol	7.11	79	542623	35.31	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	892463	29.24	ng		89
17) 2-Methylphenol	7.24	107	525347	37.61	ng		97
18) Hexachloroethane	7.49	117	235794	34.78	ng	#	90
19) n-Nitroso-di-n-propylamine	7.39	70	475389	32.07	ng	#	81
20) 3+4-Methylphenols	7.39	107	629891	34.84	ng	#	80
22) Acetophenone	7.39	105	793538	34.34	ng	#	97
24) Nitrobenzene	7.56	77	644333	32.36	ng		99
25) Isophorone	7.80	82	1276528	34.81	ng		97
26) 2-Nitrophenol	7.88	139	325454	37.98	ng	#	84
27) 2,4-Dimethylphenol	7.93	122	606542	36.40	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	829308	38.24	ng		98
29) 2,4-Dichlorophenol	8.13	162	494028	38.99	ng		98
30) 1,2,4-Trichlorobenzene	8.21	180	542372	41.53	ng		97
31) Naphthalene	8.29	128	1756395	37.32	ng		99
32) Benzoic acid	8.04	122	496697	42.87	ng		99
33) 4-Chloroaniline	8.34	127	740305	38.06	ng		94
34) Hexachlorobutadiene	8.41	225	277958	38.10	ng		99
35) Caprolactam	8.71	113	159178	37.37	ng	#	76
36) 4-Chloro-3-methylphenol	8.82	107	539395	34.00	ng		96
37) 2-Methylnaphthalene	8.99	142	1140735	40.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	483975	37.51	ng		99
40) Hexachlorocyclopentadiene	9.14	237	275957	39.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	371842	41.76	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	337296	40.06	ng	#	86
45) 1,1'-Biphenyl	9.45	154	1326565	36.58	ng		94
46) 2-Chloronaphthalene	9.48	162	1098292	40.99	ng		93
47) 2-Nitroaniline	9.57	65	397264	37.57	ng	#	79
48) Acenaphthylene	9.89	152	1661899	37.59	ng		99
49) Dimethylphthalate	9.75	163	1286382	41.04	ng		98
50) 2,6-Dinitrotoluene	9.81	165	306792	44.09	ng	#	76
51) Acenaphthene	10.06	154	1026320	37.23	ng		97
52) 3-Nitroaniline	9.98	138	362268	44.56	ng	#	87
53) 2,4-Dinitrophenol	10.09	184	165288	53.27	ng	#	82
54) Dibenzofuran	10.23	168	1308050	36.66	ng		94
55) 4-Nitrophenol	10.14	139	298232	41.93	ng	#	70
56) 2,4-Dinitrotoluene	10.21	165	354970	38.33	ng	#	48
57) Fluorene	10.58	166	1096832	36.58	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	234829m	37.35	ng		
59) Diethylphthalate	10.45	149	1248456	38.50	ng		94
60) 4-Chlorophenyl-phenylether	10.57	204	530577	38.91	ng	#	87
61) 4-Nitroaniline	10.60	138	354799	43.32	ng		88
62) Azobenzene	10.73	77	1289285	34.42	ng		87
64) 4,6-Dinitro-2-methylphenol	10.62	198	218470	41.12	ng	#	66
65) n-Nitrosodiphenylamine	10.69	169	1077168	39.97	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	305541	38.76	ng	#	78
67) Hexachlorobenzene	11.13	284	353212	40.23	ng	#	74
68) Atrazine	11.22	200	270873	40.76	ng		97
69) Pentachlorophenol	11.32	266	210674	40.31	ng		99
70) Phenanthrene	11.55	178	1689110	41.01	ng		97
71) Anthracene	11.59	178	1502170	35.72	ng		99
72) Carbazole	11.75	167	1563318	40.01	ng	#	95
73) Di-n-butylphthalate	12.07	149	1870632	39.34	ng		98
74) Fluoranthene	12.74	202	1744872	43.19	ng		92
76) Benzidine	12.85	184	773695	39.58	ng		100
77) Pyrene	12.97	202	1727112	34.84	ng		99
79) Butylbenzylphthalate	13.58	149	853441	33.55	ng		96
80) Benzo(a)anthracene	14.16	228	1532956	36.75	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	620401	41.02	ng	#	98
82) Chrysene	14.19	228	1339500	34.89	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	1181776	32.69	ng		100
84) Di-n-octyl phthalate	14.76	149	1950580	36.39	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.16	276	1348623	49.27	ng		97
87) Benzo(b)fluoranthene	15.22	252	1657807	41.33	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	1086270m	28.83	ng		
89) Benzo(a)pyrene	15.60	252	1280084	37.03	ng	#	97
90) Dibenzo(a,h)anthracene	17.18	278	1137652	38.68	ng	#	96
91) Benzo(g,h,i)perylene	17.62	276	1042006	36.92	ng		96

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

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