Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090867.D
Acq On : 27 Oct 2016 11:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
10/28/2016 5:22:28 PM

Quant Time: Oct 28 11:33:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	192932	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	762527	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	459003	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	722815	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	684075	20.00	ng		-0.01
86) Perylene-d12	15.36	264	522382	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	963629	87.33	ng		-0.02
7) Phenol-d6	6.42	99	1303827	87.58	ng		-0.02
23) Nitrobenzene-d5	7.36	82	1129398	96.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	337498	71.55	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1950027	74.60	ng		-0.02
78) Terphenyl-d14	12.90	244	2210362	81.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	234507	41.57	ng	#	72
3) Pyridine	3.01	79	676987	44.24	ng	#	74
4) n-Nitrosodimethylamine	2.98	42	201247m	46.71	ng		
6) Aniline	6.44	93	754928	44.39	ng	#	49
8) 2-Chlorophenol	6.57	128	590581	43.38	ng		99
9) Benzaldehyde	6.32	77	324009	42.14	ng	#	70
10) Phenol	6.44	94	681434	41.54	ng	#	24
11) bis(2-Chloroethyl)ether	6.52	93	611462	45.05	ng		89
12) 1,3-Dichlorobenzene	6.72	146	575228m	41.31	ng		
13) 1,4-Dichlorobenzene	6.80	146	625246m	42.70	ng		
14) 1,2-Dichlorobenzene	6.96	146	549255	39.13	ng		99
15) Benzyl Alcohol	6.93	79	450238	46.05	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.06	45	727226m	53.84	ng		
17) 2-Methylphenol	7.05	107	455033	43.94	ng	#	83
18) Hexachloroethane	7.29	117	220129	41.31	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	406915	47.28	ng	#	68
20) 3+4-Methylphenols	7.21	107	554278	46.23	ng	#	86
22) Acetophenone	7.20	105	710861	45.31	ng	#	85
24) Nitrobenzene	7.37	77	577749m	46.89	ng		
25) Isophorone	7.61	82	940816	39.80	ng	#	89
26) 2-Nitrophenol	7.69	139	307881	46.65	ng	#	82
27) 2,4-Dimethylphenol	7.73	122	478470	44.78	ng	#	83
28) bis(2-Chloroethoxy)methane	7.82	93	570784	42.46	ng	#	94
29) 2,4-Dichlorophenol	7.93	162	405440	40.98	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	465773	40.74	ng		96
31) Naphthalene	8.09	128	1403408	39.37	ng		97
32) Benzoic acid	7.88	122	367592	47.38	ng	#	70
33) 4-Chloroaniline	8.14	127	599244	41.61	ng	#	92
34) Hexachlorobutadiene	8.21	225	291512	43.36	ng		99
35) Caprolactam	8.52	113	145914	47.51	ng		95
36) 4-Chloro-3-methylphenol	8.64	107	503218m	46.77	ng		
37) 2-Methylnaphthalene	8.78	142	1082840	47.04	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	476475	37.84	ng		98
40) Hexachlorocyclopentadiene	8.93	237	210347	36.31	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	316785	38.97	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	341859m	40.83	ng		
45) 1,1'-Biphenyl	9.25	154	1285024	38.87	ng		94
46) 2-Chloronaphthalene	9.28	162	981453	39.02	ng		97
47) 2-Nitroaniline	9.37	65	262181	36.95	ng	#	77
48) Acenaphthylene	9.69	152	1648743	43.30	ng		95
49) Dimethylphthalate	9.56	163	1154982	37.66	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	287082	42.39	ng	#	92
51) Acenaphthene	9.86	154	1061650	40.48	ng		88
52) 3-Nitroaniline	9.79	138	290496	40.29	ng	#	86
53) 2,4-Dinitrophenol	9.89	184	141469	39.68	ng	#	84
54) Dibenzofuran	10.03	168	1374195	40.60	ng	#	87
55) 4-Nitrophenol	9.95	139	188050	42.77	ng	#	47
56) 2,4-Dinitrotoluene	10.02	165	353426	42.01	ng	#	82
57) Fluorene	10.37	166	1144134	41.27	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	268491	35.91	ng		97
59) Diethylphthalate	10.25	149	1161839	38.14	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	493191	36.45	ng	#	81
61) 4-Nitroaniline	10.41	138	307963	43.12	ng	#	66
62) Azobenzene	10.52	77	1231091	41.10	ng		84
64) 4,6-Dinitro-2-methylphenol	10.43	198	218495	45.59	ng	#	75
65) n-Nitrosodiphenylamine	10.49	169	942439	42.57	ng		90
66) 4-Bromophenyl-phenylether	10.85	248	307836	38.89	ng		96
67) Hexachlorobenzene	10.92	284	393562	42.01	ng	#	84
68) Atrazine	11.01	200	236487	34.53	ng		86
69) Pentachlorophenol	11.12	266	213413	42.47	ng		96
70) Phenanthrene	11.33	178	1618159	43.96	ng		95
71) Anthracene	11.38	178	1536256	39.64	ng		96
72) Carbazole	11.54	167	1414088	41.31	ng	#	92
73) Di-n-butylphthalate	11.88	149	1861018	42.18	ng	#	99
74) Fluoranthene	12.52	202	1702008	42.22	ng		88
76) Benzidine	12.65	184	567978	38.03	ng	#	98
77) Pyrene	12.75	202	1734479m	40.07	ng		
79) Butylbenzylphthalate	13.37	149	781101	39.77	ng	#	77
80) Benzo(a)anthracene	13.94	228	1403976	38.67	ng		96
81) 3,3'-Dichlorobenzidine	13.91	252	565726	40.14	ng	#	94
82) Chrysene	13.97	228	1441073m	39.24	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	1035555	40.48	ng		98
84) Di-n-octyl phthalate	14.55	149	1672464	38.94	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.72	276	1218448	37.44	ng	#	91
87) Benzo(b)fluoranthene	14.96	252	1262436m	35.94	ng		
88) Benzo(k)fluoranthene	14.99	252	1400587m	50.45	ng		
89) Benzo(a)pyrene	15.30	252	1203756	39.88	ng	#	90
90) Dibenzo(a,h)anthracene	16.74	278	1060452	41.50	ng	#	81
91) Benzo(g,h,i)perylene	17.13	276	993017	41.27	ng	#	80

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

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