Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090717.D
Acq On : 21 Oct 2016 17:34
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF102116

Manual Integrations APPROVED
sohil
10/24/2016 3:52:21 PM

Quant Time: Oct 21 20:07:16 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	6.86	152	249607	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1039457	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	549055	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	807155	20.00	ng		0.00
75) Chrysene-d12	14.02	240	606538	20.00	ng		0.00
86) Perylene-d12	15.46	264	386827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1231658	79.58	ng		0.00
7) Phenol-d6	6.50	99	1628574	77.69	ng		0.00
23) Nitrobenzene-d5	7.42	82	1574333	83.07	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	410833	94.54	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2647647	74.86	ng		0.00
78) Terphenyl-d14	12.97	244	2107016	79.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	333291	37.22	ng		86
3) Pyridine	3.23	79	878989	41.89	ng	#	80
4) n-Nitrosodimethylamine	3.19	42	297347	41.41	ng		87
6) Aniline	6.52	93	995005	41.86	ng	#	70
8) 2-Chlorophenol	6.65	128	764554	41.15	ng		92
9) Benzaldehyde	6.41	77	455031	39.70	ng	#	76
10) Phenol	6.51	94	897987	38.11	ng	#	52
11) bis(2-Chloroethyl)ether	6.60	93	818543	41.34	ng		93
12) 1,3-Dichlorobenzene	6.79	146	718994	38.53	ng	#	88
13) 1,4-Dichlorobenzene	6.87	146	791024	39.96	ng	#	90
14) 1,2-Dichlorobenzene	7.03	146	736841	38.02	ng		96
15) Benzyl Alcohol	7.00	79	579394	40.69	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1101347	37.14	ng		75
17) 2-Methylphenol	7.11	107	579226	41.38	ng	#	82
18) Hexachloroethane	7.37	117	301270	37.49	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	569305	36.47	ng	#	68
20) 3+4-Methylphenols	7.27	107	668587	40.29	ng	#	62
22) Acetophenone	7.27	105	932932	40.27	ng	#	80
24) Nitrobenzene	7.45	77	876493	42.66	ng	#	68
25) Isophorone	7.69	82	1428696	39.82	ng	#	87
26) 2-Nitrophenol	7.77	139	373107	44.45	ng	#	79
27) 2,4-Dimethylphenol	7.80	122	598899	40.24	ng	#	78
28) bis(2-Chloroethoxy)methane	7.90	93	832298	42.41	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	547403	44.82	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	595431	41.42	ng	#	96
31) Naphthalene	8.17	128	1955480	38.46	ng		96
32) Benzoic acid	7.95	122	420025	41.29	ng	#	60
33) 4-Chloroaniline	8.22	127	833890	44.22	ng	#	94
34) Hexachlorobutadiene	8.29	225	347765	43.03	ng		99
35) Caprolactam	8.60	113	163334	46.82	ng	#	83
36) 4-Chloro-3-methylphenol	8.70	107	612290	43.10	ng	#	81
37) 2-Methylnaphthalene	8.86	142	1294214	43.55	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	567993	38.31	ng		98
40) Hexachlorocyclopentadiene	9.01	237	274897	39.50	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	389864	42.40	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	368904	39.54	ng		97
45) 1,1'-Biphenyl	9.32	154	1536609	35.64	ng		90
46) 2-Chloronaphthalene	9.34	162	1195576	37.31	ng	#	87
47) 2-Nitroaniline	9.45	65	448921	42.20	ng	#	74
48) Acenaphthylene	9.77	152	1953112	39.94	ng		96
49) Dimethylphthalate	9.63	163	1361571	39.46	ng	#	97
50) 2,6-Dinitrotoluene	9.69	165	278716	37.57	ng	#	48
51) Acenaphthene	9.94	154	1320477	40.68	ng		88
52) 3-Nitroaniline	9.86	138	331127	38.83	ng	#	55
53) 2,4-Dinitrophenol	9.96	184	143998	44.25	ng	#	39
54) Dibenzofuran	10.11	168	1653510	42.05	ng	#	88
55) 4-Nitrophenol	10.02	139	202747	41.76	ng	#	25
56) 2,4-Dinitrotoluene	10.09	165	369450	40.74	ng	#	50
57) Fluorene	10.45	166	1380292	42.35	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	309061	42.21	ng	#	89
59) Diethylphthalate	10.33	149	1442119	40.30	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	622955	41.83	ng	#	87
61) 4-Nitroaniline	10.47	138	357857	41.43	ng	#	47
62) Azobenzene	10.60	77	1628585	38.87	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	195473	38.82	ng		81
65) n-Nitrosodiphenylamine	10.57	169	1111412	42.98	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	358526	45.82	ng		97
67) Hexachlorobenzene	11.00	284	426227	46.16	ng	#	81
68) Atrazine	11.09	200	341953	47.91	ng		85
69) Pentachlorophenol	11.19	266	209129	43.70	ng		97
70) Phenanthrene	11.46	178	1746867	42.46	ng		95
71) Anthracene	11.46	178	1760453	38.58	ng		96
72) Carbazole	11.62	167	1674326	43.89	ng	#	93
73) Di-n-butylphthalate	11.95	149	2145758	43.36	ng	#	96
74) Fluoranthene	12.59	202	1681035	42.24	ng		98
76) Benzidine	12.71	184	574350	42.65	ng		95
77) Pyrene	12.82	202	1721534m	40.64	ng		
79) Butylbenzylphthalate	13.45	149	908056	46.63	ng		94
80) Benzo(a)anthracene	14.01	228	1391934	41.94	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	474793	41.28	ng		99
82) Chrysene	14.05	228	1497670m	46.23	ng		
83) Bis(2-ethylhexyl)phthalate	14.01	149	1175457	42.19	ng	#	97
84) Di-n-octyl phthalate	14.61	149	1660666	39.28	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.86	276	894946m	31.67	ng		
87) Benzo(b)fluoranthene	15.05	252	1060341	44.58	ng	#	88
88) Benzo(k)fluoranthene	15.07	252	1010928m	42.29	ng		
89) Benzo(a)pyrene	15.40	252	934065	41.86	ng	#	87
90) Dibenzo(a,h)anthracene	16.88	278	779272	36.37	ng	#	88
91) Benzo(g,h,i)perylene	17.29	276	713494	34.33	ng	#	84

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

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