Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091275.D
Acq On : 23 Nov 2016 13:58
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Manual Integrations APPROVED
sohil
11/28/2016 4:53:22 PM

Quant Time: Nov 25 04:31:20 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	201675	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	848332	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	481941	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	821203	20.00	ng		0.00
75) Chrysene-d12	14.04	240	709339	20.00	ng		0.00
86) Perylene-d12	15.47	264	569246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	997607	79.48	ng		0.00
7) Phenol-d6	6.50	99	1306771	81.03	ng		-0.01
23) Nitrobenzene-d5	7.45	82	1224517	83.10	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	363941	74.88	ng		-0.01
44) 2-Fluorobiphenyl	9.24	172	1977174	67.17	ng		-0.01
78) Terphenyl-d14	12.99	244	2074515	66.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	231200	39.05	ng		88
3) Pyridine	3.21	79	636175	39.98	ng	#	85
4) n-Nitrosodimethylamine	3.16	42	349697	40.14	ng		98
6) Aniline	6.53	93	836504	40.58	ng	#	73
8) 2-Chlorophenol	6.66	128	536324	39.23	ng		83
9) Benzaldehyde	6.42	77	308102	37.89	ng		90
10) Phenol	6.52	94	725443	40.32	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	508436	38.44	ng		98
12) 1,3-Dichlorobenzene	6.82	146	587320	39.40	ng		97
13) 1,4-Dichlorobenzene	6.90	146	634464	41.58	ng		100
14) 1,2-Dichlorobenzene	7.05	146	527240	36.42	ng		99
15) Benzyl Alcohol	7.02	79	528964	42.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1128517	38.91	ng		72
17) 2-Methylphenol	7.13	107	428168	39.58	ng	#	76
18) Hexachloroethane	7.40	117	214334	39.45	ng	#	86
19) n-Nitroso-di-n-propylamine	7.30	70	398931	39.43	ng	#	96
20) 3+4-Methylphenols	7.29	107	556684	41.92	ng	#	66
22) Acetophenone	7.29	105	689607	36.03	ng	#	74
24) Nitrobenzene	7.46	77	548034	35.15	ng		94
25) Isophorone	7.71	82	1082085	39.31	ng		95
26) 2-Nitrophenol	7.78	139	279362	44.67	ng		91
27) 2,4-Dimethylphenol	7.81	122	481747	36.71	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	618592	37.74	ng		98
29) 2,4-Dichlorophenol	8.02	162	468993	40.44	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	516542	38.66	ng		95
31) Naphthalene	8.19	128	1668373	40.88	ng		100
32) Benzoic acid	7.94	122	410259	39.70	ng		92
33) 4-Chloroaniline	8.24	127	740182	41.69	ng		99
34) Hexachlorobutadiene	8.32	225	296807	37.58	ng		99
35) Caprolactam	8.61	113	152982	42.79	ng	#	86
36) 4-Chloro-3-methylphenol	8.72	107	534677	42.90	ng		89
37) 2-Methylnaphthalene	8.88	142	983569	35.12	ng		93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	524334	40.15	ng		98
40) Hexachlorocyclopentadiene	9.04	237	231911	39.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	353543	39.25	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	333312	38.52	ng	#	91
45) 1,1'-Biphenyl	9.34	154	1323681	38.10	ng		97
46) 2-Chloronaphthalene	9.37	162	989760	38.89	ng		98
47) 2-Nitroaniline	9.46	65	383036	44.35	ng	#	81
48) Acenaphthylene	9.78	152	1526357	37.42	ng		99
49) Dimethylphthalate	9.65	163	1236387	41.09	ng		98
50) 2,6-Dinitrotoluene	9.70	165	258995	39.40	ng		90
51) Acenaphthene	9.95	154	1065716	38.39	ng		97
52) 3-Nitroaniline	9.87	138	297425	42.09	ng		93
53) 2,4-Dinitrophenol	9.97	184	114315	47.03	ng	#	85
54) Dibenzofuran	10.12	168	1395461	35.74	ng		98
55) 4-Nitrophenol	10.02	139	230755	45.27	ng		98
56) 2,4-Dinitrotoluene	10.10	165	342508	41.18	ng	#	57
57) Fluorene	10.46	166	1055065	35.31	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	274832	36.12	ng		97
59) Diethylphthalate	10.35	149	1215430	40.14	ng		95
60) 4-Chlorophenyl-phenylether	10.46	204	537454	39.05	ng		93
61) 4-Nitroaniline	10.49	138	300010	45.50	ng		92
62) Azobenzene	10.62	77	1303030	42.42	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	169856	45.61	ng	#	70
65) n-Nitrosodiphenylamine	10.58	169	941666	37.77	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	369013	41.11	ng	#	75
67) Hexachlorobenzene	11.01	284	370124	37.62	ng	#	84
68) Atrazine	11.11	200	238387	35.84	ng		98
69) Pentachlorophenol	11.21	266	252669	43.40	ng		97
70) Phenanthrene	11.43	178	1556951	36.55	ng		99
71) Anthracene	11.48	178	1830943	42.03	ng		99
72) Carbazole	11.63	167	1509807	38.95	ng		99
73) Di-n-butylphthalate	11.97	149	1892600	42.16	ng		100
74) Fluoranthene	12.61	202	1762911	40.68	ng		98
76) Benzidine	12.73	184	532229	38.71	ng		98
77) Pyrene	12.84	202	1837715	35.06	ng		99
79) Butylbenzylphthalate	13.47	149	826534	39.41	ng	#	83
80) Benzo(a)anthracene	14.03	228	1487714	36.95	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	557446	41.99	ng	#	98
82) Chrysene	14.07	228	1472636	38.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1009704	38.67	ng	#	94
84) Di-n-octyl phthalate	14.64	149	1774833	43.18	ng		98
85) Indeno(1,2,3-cd)pyrene	16.89	276	1159046	35.37	ng		96
87) Benzo(b)fluoranthene	15.06	252	1306924	36.39	ng		98
88) Benzo(k)fluoranthene	15.09	252	1320952m	45.04	ng		
89) Benzo(a)pyrene	15.41	252	1188191	38.89	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	1038921	36.83	ng	#	94
91) Benzo(g,h,i)perylene	17.32	276	994529	35.55	ng		97

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

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