Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085058.D
Acq On : 12 Feb 2016 22:10
Operator : SJ/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF021316

Manual Integrations APPROVED
Sohil
2/15/2016 4:43:16 PM

Quant Time: Feb 13 01:54:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	157809	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	684638	20.00	ng		0.00
38) Acenaphthene-d10	10.58	164	316026	20.00	ng		0.00
63) Phenanthrene-d10	12.99	188	591666	20.00	ng		0.00
75) Chrysene-d12	17.18	240	414257	20.00	ng		0.00
86) Perylene-d12	18.80	264	304626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.15	112	641035	71.03	ng		-0.01
7) Phenol-d6	5.44	99	1013188	84.23	ng		0.00
23) Nitrobenzene-d5	6.72	82	954737	82.35	ng		0.00
41) 2,4,6-Tribromophenol	11.89	330	274736	84.17	ng		0.00
44) 2-Fluorobiphenyl	9.53	172	1803312	81.57	ng		0.00
78) Terphenyl-d14	15.62	244	1611089	80.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	153743	41.35	ng		97
3) Pyridine	2.42	79	362149	41.69	ng		96
4) n-Nitrosodimethylamine	2.41	42	169483	37.92	ng		93
6) Aniline	5.46	93	548348	40.63	ng		95
8) 2-Chlorophenol	5.59	128	471985	42.54	ng		97
9) Benzaldehyde	5.29	77	274817	42.42	ng		95
10) Phenol	5.46	94	583294	41.46	ng		95
11) bis(2-Chloroethyl)ether	5.53	93	528080	43.36	ng		99
12) 1,3-Dichlorobenzene	5.79	146	454681	41.21	ng		98
13) 1,4-Dichlorobenzene	5.91	146	501068	40.81	ng		98
14) 1,2-Dichlorobenzene	6.11	146	477465	41.38	ng		100
15) Benzyl Alcohol	6.16	79	258003	35.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	770009	41.55	ng		99
17) 2-Methylphenol	6.33	107	301736	37.57	ng		98
18) Hexachloroethane	6.58	117	193615	42.80	ng	#	88
19) n-Nitroso-di-n-propylamine	6.50	70	313682	41.40	ng		97
20) 3+4-Methylphenols	6.57	107	375173	38.93	ng		92
22) Acetophenone	6.50	105	718177	40.93	ng		99
24) Nitrobenzene	6.74	77	508841	40.17	ng		100
25) Isophorone	7.10	82	868619	41.76	ng		98
26) 2-Nitrophenol	7.22	139	253611	41.77	ng		98
27) 2,4-Dimethylphenol	7.35	122	399984	40.71	ng		98
28) bis(2-Chloroethoxy)methane	7.47	93	526385	40.77	ng		100
29) 2,4-Dichlorophenol	7.63	162	369835	41.42	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	427682	41.55	ng		100
31) Naphthalene	7.82	128	1351604	40.72	ng		100
32) Benzoic acid	7.64	122	164592	35.93	ng		95
33) 4-Chloroaniline	7.98	127	513882	40.81	ng		97
34) Hexachlorobutadiene	8.01	225	233676	40.54	ng		98
35) Caprolactam	8.56	113	97706	40.70	ng		91
36) 4-Chloro-3-methylphenol	8.80	107	423792	41.86	ng		98
37) 2-Methylnaphthalene	8.92	142	851187	40.20	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	423471	41.47	ng		100
40) Hexachlorocyclopentadiene	9.16	237	152119	40.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	225733	40.09	ng	99
43) 2,4,5-Trichlorophenol	9.50	196	270856	41.34	ng	99
45) 1,1'-Biphenyl	9.69	154	1177453	40.96	ng	99
46) 2-Chloronaphthalene	9.70	162	837192	41.10	ng	97
47) 2-Nitroaniline	9.93	65	262381	41.73	ng	97
48) Acenaphthylene	10.35	152	1318333	40.77	ng	99
49) Dimethylphthalate	10.23	163	983331	41.50	ng	99
50) 2,6-Dinitrotoluene	10.33	165	202856	41.73	ng	94
51) Acenaphthene	10.64	154	793952	40.60	ng	99
52) 3-Nitroaniline	10.62	138	226399	41.92	ng	92
53) 2,4-Dinitrophenol	10.81	184	77431	41.90	ng	96
54) Dibenzofuran	10.93	168	1078130	41.22	ng	100
55) 4-Nitrophenol	11.05	139	139822	40.35	ng	95
56) 2,4-Dinitrotoluene	10.98	165	285295	43.08	ng	95
57) Fluorene	11.49	166	922655	41.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	230421	44.47	ng	97
59) Diethylphthalate	11.37	149	963840	41.05	ng	99
60) 4-Chlorophenyl-phenylether	11.51	204	437805	40.73	ng	97
61) 4-Nitroaniline	11.63	138	212645	42.85	ng	97
62) Azobenzene	11.76	77	930924	41.15	ng	98
64) 4,6-Dinitro-2-methylphenol	11.65	198	128190	38.67	ng	94
65) n-Nitrosodiphenylamine	11.73	169	757148	40.30	ng	98
66) 4-Bromophenyl-phenylether	12.30	248	268269	40.71	ng	95
67) Hexachlorobenzene	12.35	284	286236	40.62	ng	95
68) Atrazine	12.64	200	222786	40.92	ng	98
69) Pentachlorophenol	12.73	266	105466	37.35	ng	96
70) Phenanthrene	13.03	178	1295479	39.71	ng	99
71) Anthracene	13.12	178	1406390	41.25	ng	99
72) Carbazole	13.43	167	1159348	41.07	ng	99
73) Di-n-butylphthalate	14.03	149	1490114	40.22	ng	99
74) Fluoranthene	14.96	202	1352691	41.62	ng	100
76) Benzidine	15.26	184	296970	33.35	ng	96
77) Pyrene	15.31	202	1352765	40.82	ng	99
79) Butylbenzylphthalate	16.45	149	592171	42.49	ng	98
80) Benzo(a)anthracene	17.17	228	974359	40.62	ng	99
81) 3,3'-Dichlorobenzidine	17.17	252	288534	41.39	ng	99
82) Chrysene	17.21	228	951235	40.89	ng	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	764290	41.72	ng	99
84) Di-n-octyl phthalate	18.02	149	1079450	41.47	ng	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	778440	40.27	ng	100
87) Benzo(b)fluoranthene	18.41	252	774461m	38.78	ng	
88) Benzo(k)fluoranthene	18.43	252	658993m	41.30	ng	
89) Benzo(a)pyrene	18.74	252	674559	39.94	ng	98
90) Dibenzo(a,h)anthracene	20.10	278	653007	40.73	ng	99
91) Benzo(g,h,i)perylene	20.47	276	670186	40.26	ng	99

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

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