Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
Data File : BF083501.D
Acq On : 5 Dec 2015 00:54
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:30:43 PM

Quant Time: Dec 05 03:51:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 03:24:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	139715	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	544225	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	264742	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	481840	20.00	ng		0.00
75) Chrysene-d12	17.05	240	373109	20.00	ng		0.00
86) Perylene-d12	18.67	264	292811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	758563	81.42	ng		0.00
7) Phenol-d6	5.32	99	1020438	80.06	ng		0.00
23) Nitrobenzene-d5	6.60	82	948461	76.78	ng		0.00
41) 2,4,6-Tribromophenol	11.76	330	197652	74.79	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	1531805	81.34	ng		0.00
78) Terphenyl-d14	15.48	244	1367661	85.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	187106	37.25	ng		100
3) Pyridine	2.32	79	484629	38.05	ng		100
4) n-Nitrosodimethylamine	2.27	42	249996	40.74	ng		100
6) Aniline	5.32	93	679086	38.93	ng		100
8) 2-Chlorophenol	5.48	128	414475	40.45	ng		100
9) Benzaldehyde	5.16	77	293234	44.47	ng		100
10) Phenol	5.33	94	579063	37.97	ng		100
11) bis(2-Chloroethyl)ether	5.42	93	444387	39.70	ng		100
12) 1,3-Dichlorobenzene	5.69	146	456809	39.97	ng		100
13) 1,4-Dichlorobenzene	5.79	146	459926	39.14	ng		100
14) 1,2-Dichlorobenzene	6.01	146	425342	39.05	ng		100
15) Benzyl Alcohol	6.01	79	368977	37.96	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.20	45	806057	40.98	ng		100
17) 2-Methylphenol	6.20	107	337038	39.36	ng		100
18) Hexachloroethane	6.50	117	161171	39.23	ng		100
19) n-Nitroso-di-n-propylamine	6.41	70	340378	37.88	ng		100
20) 3+4-Methylphenols	6.43	107	449212	38.83	ng		100
22) Acetophenone	6.38	105	632015	39.02	ng		100
24) Nitrobenzene	6.62	77	503240	38.10	ng		100
25) Isophorone	7.00	82	901667	37.86	ng		100
26) 2-Nitrophenol	7.10	139	211244	39.05	ng		100
27) 2,4-Dimethylphenol	7.23	122	365287	40.53	ng		100
28) bis(2-Chloroethoxy)methane	7.36	93	511102	37.51	ng		100
29) 2,4-Dichlorophenol	7.50	162	334102	38.41	ng		100
30) 1,2,4-Trichlorobenzene	7.60	180	361231	38.25	ng		100
31) Naphthalene	7.71	128	1160328	39.09	ng		100
32) Benzoic acid	7.49	122	220135	36.10	ng		100
33) 4-Chloroaniline	7.82	127	464089	37.10	ng		100
34) Hexachlorobutadiene	7.92	225	211343	39.13	ng		100
35) Caprolactam	8.43	113	102948	37.87	ng		100
36) 4-Chloro-3-methylphenol	8.66	107	373151	38.40	ng		100
37) 2-Methylnaphthalene	8.81	142	712770	36.45	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	349105	41.07	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	107025	28.39	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	223334	38.18	ng		100
43) 2,4,5-Trichlorophenol	9.37	196	226984	37.74	ng		100
45) 1,1'-Biphenyl	9.57	154	941435	40.30	ng		100
46) 2-Chloronaphthalene	9.58	162	707399	39.71	ng		100
47) 2-Nitroaniline	9.78	65	257622	37.41	ng		100
48) Acenaphthylene	10.24	152	1156062	40.51	ng		100
49) Dimethylphthalate	10.11	163	819166	37.71	ng		100
50) 2,6-Dinitrotoluene	10.19	165	178259	38.91	ng		100
51) Acenaphthene	10.52	154	653131	39.09	ng		100
52) 3-Nitroaniline	10.45	138	189530	36.13	ng		100
53) 2,4-Dinitrophenol	10.65	184	72929	31.21	ng		100
54) Dibenzofuran	10.81	168	909755	37.29	ng		100
55) 4-Nitrophenol	10.83	139	105441m	32.50	ng		
56) 2,4-Dinitrotoluene	10.84	165	231486	39.54	ng		100
57) Fluorene	11.36	166	797528	40.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.04	232	167879	34.78	ng	#	100
59) Diethylphthalate	11.25	149	800187	38.89	ng		100
60) 4-Chlorophenyl-phenylether	11.38	204	380097	42.45	ng		100
61) 4-Nitroaniline	11.46	138	177364	34.06	ng		100
62) Azobenzene	11.64	77	830810	34.33	ng		100
64) 4,6-Dinitro-2-methylphenol	11.50	198	127594	40.08	ng		100
65) n-Nitrosodiphenylamine	11.58	169	643668	38.31	ng		100
66) 4-Bromophenyl-phenylether	12.17	248	212745	40.25	ng		100
67) Hexachlorobenzene	12.24	284	224050	38.58	ng		100
68) Atrazine	12.50	200	196562	41.10	ng		100
69) Pentachlorophenol	12.59	266	92971	31.60	ng		100
70) Phenanthrene	12.90	178	1128460	39.51	ng		100
71) Anthracene	12.98	178	1158103	40.14	ng		100
72) Carbazole	13.28	167	996039	38.63	ng		100
73) Di-n-butylphthalate	13.91	149	1216358	39.56	ng		100
74) Fluoranthene	14.82	202	1130954	38.29	ng		100
76) Benzidine	15.08	184	561840	48.64	ng		100
77) Pyrene	15.17	202	1145492	43.12	ng		100
79) Butylbenzylphthalate	16.32	149	469828	41.76	ng		100
80) Benzo(a)anthracene	17.04	228	883479	38.64	ng		100
81) 3,3'-Dichlorobenzidine	17.03	252	295991	41.22	ng		100
82) Chrysene	17.08	228	873993	39.26	ng		100
83) Bis(2-ethylhexyl)phthalate	17.16	149	606299	40.36	ng		100
84) Di-n-octyl phthalate	17.92	149	846031	38.53	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.92	276	747236	45.04	ng	#	100
87) Benzo(b)fluoranthene	18.29	252	660053m	35.51	ng		
88) Benzo(k)fluoranthene	18.32	252	685716m	38.61	ng		
89) Benzo(a)pyrene	18.61	252	651528	40.18	ng		100
90) Dibenzo(a,h)anthracene	19.93	278	641217	44.37	ng		100
91) Benzo(g,h,i)perylene	20.27	276	636484	44.55	ng		100

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

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