Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090080.D
Acq On : 15 Sep 2016 5:30
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091516

Manual Integrations APPROVED
sohil
9/15/2016 12:51:43 PM

Quant Time: Sep 15 11:27:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	164150	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	684190	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	339526	20.00	ng		0.00
63) Phenanthrene-d10	11.05	188	581998	20.00	ng		0.00
75) Chrysene-d12	13.67	240	446540	20.00	ng		0.00
86) Perylene-d12	14.99	264	395286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	892736	87.47	ng		0.00
7) Phenol-d6	6.20	99	1040326	77.86	ng		0.00
23) Nitrobenzene-d5	7.13	82	991893	81.51	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	272381	79.87	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1599789	74.00	ng		0.00
78) Terphenyl-d14	12.64	244	1407502	74.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	222055	41.67	ng		99
3) Pyridine	2.59	79	601536	44.25	ng		97
4) n-Nitrosodimethylamine	2.56	42	181428	42.37	ng		91
6) Aniline	6.22	93	681798	41.11	ng		97
8) 2-Chlorophenol	6.33	128	473222	40.24	ng		100
9) Benzaldehyde	6.09	77	296910	41.69	ng		99
10) Phenol	6.22	94	569687	37.98	ng		98
11) bis(2-Chloroethyl)ether	6.30	93	465115	38.67	ng		99
12) 1,3-Dichlorobenzene	6.49	146	491847	40.66	ng		99
13) 1,4-Dichlorobenzene	6.57	146	509963	40.84	ng		99
14) 1,2-Dichlorobenzene	6.72	146	430152	37.91	ng	#	89
15) Benzyl Alcohol	6.71	79	308035	40.94	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.84	45	590355	41.42	ng		99
17) 2-Methylphenol	6.83	107	395734	41.15	ng		99
18) Hexachloroethane	7.06	117	171172	37.77	ng		99
19) n-Nitroso-di-n-propylamine	6.99	70	329013	39.62	ng		100
20) 3+4-Methylphenols	6.99	107	488602	41.84	ng		99
22) Acetophenone	6.98	105	679286	41.01	ng		99
24) Nitrobenzene	7.14	77	473231	36.92	ng		99
25) Isophorone	7.39	82	1011284	39.69	ng		100
26) 2-Nitrophenol	7.46	139	260024	41.84	ng		99
27) 2,4-Dimethylphenol	7.52	122	462891	42.33	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	582029	38.94	ng		99
29) 2,4-Dichlorophenol	7.71	162	388922	40.26	ng		100
30) 1,2,4-Trichlorobenzene	7.78	180	373917	39.24	ng		100
31) Naphthalene	7.86	128	1301397	38.70	ng		100
32) Benzoic acid	7.68	122	348221	39.70	ng		99
33) 4-Chloroaniline	7.92	127	568104	39.69	ng		100
34) Hexachlorobutadiene	7.99	225	189408	38.82	ng		99
35) Caprolactam	8.31	113	128766	39.92	ng		95
36) 4-Chloro-3-methylphenol	8.41	107	449766	40.11	ng		99
37) 2-Methylnaphthalene	8.55	142	820830	39.35	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320720	36.74	ng		100
40) Hexachlorocyclopentadiene	8.71	237	180881	39.87	ng		98

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	249262	39.39	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	272659	40.06	ng		99
45) 1,1'-Biphenyl	9.02	154	991343	35.68	ng		100
46) 2-Chloronaphthalene	9.04	162	797825	38.75	ng		99
47) 2-Nitroaniline	9.14	65	285948	43.51	ng		95
48) Acenaphthylene	9.45	152	1389652	40.19	ng		99
49) Dimethylphthalate	9.34	163	1039104	41.20	ng		100
50) 2,6-Dinitrotoluene	9.39	165	226610	40.21	ng	#	55
51) Acenaphthene	9.62	154	791976	41.01	ng		99
52) 3-Nitroaniline	9.55	138	278244	40.58	ng		96
53) 2,4-Dinitrophenol	9.66	184	129660	42.32	ng		98
54) Dibenzofuran	9.79	168	1072982	40.18	ng		99
55) 4-Nitrophenol	9.72	139	198104	41.06	ng		93
56) 2,4-Dinitrotoluene	9.78	165	248615	36.19	ng		100
57) Fluorene	10.12	166	782771	38.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	192266	37.04	ng		99
59) Diethylphthalate	10.02	149	900196	36.87	ng		100
60) 4-Chlorophenyl-phenylether	10.12	204	321379	39.35	ng		99
61) 4-Nitroaniline	10.17	138	290632	41.87	ng		96
62) Azobenzene	10.28	77	944867	36.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.19	198	173299	43.95	ng		88
65) n-Nitrosodiphenylamine	10.25	169	732257	39.71	ng		100
66) 4-Bromophenyl-phenylether	10.62	248	247046	44.04	ng		99
67) Hexachlorobenzene	10.67	284	276508	41.82	ng		97
68) Atrazine	10.79	200	254652	46.47	ng		98
69) Pentachlorophenol	10.87	266	174967	45.18	ng		99
70) Phenanthrene	11.07	178	1133832	40.31	ng		100
71) Anthracene	11.13	178	1212703	39.49	ng		100
72) Carbazole	11.29	167	1329220	42.19	ng		99
73) Di-n-butylphthalate	11.63	149	1321680	37.41	ng		100
74) Fluoranthene	12.25	202	1129331	38.32	ng		100
76) Benzidine	12.39	184	726286	39.87	ng		99
77) Pyrene	12.48	202	1259245	38.64	ng		100
79) Butylbenzylphthalate	13.12	149	630366	38.84	ng		99
80) Benzo(a)anthracene	13.66	228	1009912	38.74	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	429607	39.32	ng		98
82) Chrysene	13.69	228	788992	32.27	ng		100
83) Bis(2-ethylhexyl)phthalate	13.68	149	746207	37.17	ng		100
84) Di-n-octyl phthalate	14.29	149	1344113	37.46	ng		100
85) Indeno(1,2,3-cd)pyrene	16.17	276	741942	34.92	ng		100
87) Benzo(b)fluoranthene	14.64	252	793719m	34.25	ng		
88) Benzo(k)fluoranthene	14.67	252	971526m	46.57	ng		
89) Benzo(a)pyrene	14.95	252	835245	40.19	ng		99
90) Dibenzo(a,h)anthracene	16.19	278	617129	37.92	ng		98
91) Benzo(g,h,i)perylene	16.53	276	589747	37.97	ng		99

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

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