Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098868.D
Acq On : 27 Sep 2017 17:45
Operator : SJ/JU
Sample : I5421-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Manual Integrations APPROVED
Sohil
9/28/2017 2:32:16 PM

Quant Time: Sep 28 03:54:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125893	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	532845	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	248380	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	456791	20.00	ng		0.00
75) Chrysene-d12	14.09	240	393957	20.00	ng		0.00
86) Perylene-d12	15.57	264	356527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	901546	114.00	ng		0.00
7) Phenol-d6	6.55	99	999168	102.42	ng		0.00
23) Nitrobenzene-d5	7.48	82	741326	89.22	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	273335	134.49	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1322292	88.87	ng		0.00
78) Terphenyl-d14	13.03	244	1318541	76.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	135773	35.940	ng		99
3) Pyridine	3.57	79	343914	33.653	ng		97
4) n-Nitrosodimethylamine	3.51	42	168015	38.771	ng		89
6) Aniline	6.58	93	256990	19.518	ng		99
8) 2-Chlorophenol	6.70	128	370412	41.360	ng		95
9) Benzaldehyde	6.47	77	67885	11.996	ng		95
10) Phenol	6.56	94	389210	35.672	ng		93
11) bis(2-Chloroethyl)ether	6.65	93	367118	43.281	ng		98
12) 1,3-Dichlorobenzene	6.86	146	387267	41.290	ng		98
13) 1,4-Dichlorobenzene	6.93	146	395640	41.459	ng		99
14) 1,2-Dichlorobenzene	7.09	146	370930	42.067	ng		98
15) Benzyl Alcohol	7.05	79	315882	44.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	562341	42.553	ng		99
17) 2-Methylphenol	7.16	107	305511	41.691	ng		100
18) Hexachloroethane	7.43	117	138110	40.264	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	252761	40.580	ng		96
20) 3+4-Methylphenols	7.32	107	373742	40.316	ng	#	80
22) Acetophenone	7.32	105	516692	40.023	ng	#	99
24) Nitrobenzene	7.50	77	391388	41.525	ng		96
25) Isophorone	7.73	82	715649	41.660	ng		100
26) 2-Nitrophenol	7.81	139	202744	44.732	ng		95
27) 2,4-Dimethylphenol	7.85	122	343295	40.107	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	455977	42.593	ng		100
29) 2,4-Dichlorophenol	8.05	162	314097	42.740	ng		98
30) 1,2,4-Trichlorobenzene	8.14	180	311410	42.368	ng		99
31) Naphthalene	8.22	128	1076351	43.010	ng		100
32) Benzoic acid	7.95	122	182104	25.900	ng		96
33) 4-Chloroaniline	8.26	127	149756	14.330	ng		96
34) Hexachlorobutadiene	8.33	225	155420	41.053	ng		100
35) Caprolactam	8.63	113	94570m	40.117	ng		
36) 4-Chloro-3-methylphenol	8.75	107	343494	41.584	ng		96
37) 2-Methylnaphthalene	8.91	142	754418	46.372	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	290640	39.237	ng		100
40) Hexachlorocyclopentadiene	9.06	237	271806	80.293	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	218483	41.635	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	229292	43.771	ng		96
45) 1,1'-Biphenyl	9.37	154	862211	40.391	ng		99
46) 2-Chloronaphthalene	9.40	162	686330	42.822	ng		98
47) 2-Nitroaniline	9.49	65	222531	45.344	ng		98
48) Acenaphthylene	9.82	152	1054423	42.975	ng		100
49) Dimethylphthalate	9.67	163	828376	44.189	ng		99
50) 2,6-Dinitrotoluene	9.73	165	187701	45.992	ng		96
51) Acenaphthene	9.99	154	714247	45.956	ng		99
52) 3-Nitroaniline	9.90	138	105400	22.149	ng		98
53) 2,4-Dinitrophenol	10.01	184	136086	65.209	ng		97
54) Dibenzofuran	10.16	168	959469	46.365	ng		100
55) 4-Nitrophenol	10.06	139	318596	79.178	ng		92
56) 2,4-Dinitrotoluene	10.14	165	259992	49.086	ng		93
57) Fluorene	10.50	166	732433	44.036	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	179788	49.683	ng		98
59) Diethylphthalate	10.37	149	806186	44.011	ng		99
60) 4-Chlorophenyl-phenylether	10.49	204	332019	44.438	ng		97
61) 4-Nitroaniline	10.52	138	206823	45.050	ng		92
62) Azobenzene	10.65	77	778263	46.207	ng		97
64) 4,6-Dinitro-2-methylphenol	10.55	198	109442	39.378	ng		92
65) n-Nitrosodiphenylamine	10.61	169	674733	42.638	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	195628	43.753	ng		99
67) Hexachlorobenzene	11.05	284	200865	42.062	ng		94
68) Atrazine	11.14	200	215712	45.307	ng		99
69) Pentachlorophenol	11.24	266	234487	78.897	ng		99
70) Phenanthrene	11.47	178	1107533	45.296	ng		99
71) Anthracene	11.52	178	1133319	45.301	ng		99
72) Carbazole	11.67	167	1117967	45.633	ng		99
73) Di-n-butylphthalate	11.99	149	1298655	44.039	ng		100
74) Fluoranthene	12.66	202	1190742	48.093	ng		99
76) Benzidine	12.77	184	332407	22.813	ng		98
77) Pyrene	12.89	202	1232162	41.016	ng		100
79) Butylbenzylphthalate	13.50	149	608861	43.125	ng		91
80) Benzo(a)anthracene	14.07	228	1071254	44.907	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	222219	25.411	ng		97
82) Chrysene	14.11	228	982906	43.279	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	814652	41.905	ng		99
84) Di-n-octyl phthalate	14.66	149	1342103	42.874	ng		97
85) Indeno(1,2,3-cd)pyrene	17.09	276	904528	49.788	ng		96
87) Benzo(b)fluoranthene	15.13	252	1007468m	45.960	ng		
88) Benzo(k)fluoranthene	15.17	252	845748	39.062	ng		99
89) Benzo(a)pyrene	15.51	252	884904	43.978	ng	#	97
90) Dibenzo(a,h)anthracene	17.10	278	752970	46.759	ng		97
91) Benzo(g,h,i)perylene	17.55	276	759995	47.745	ng		96

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

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