Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098869.D
Acq On : 27 Sep 2017 18:13
Operator : SJ/JU
Sample : I5421-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMSD

Manual Integrations APPROVED
Sohil
9/28/2017 2:32:17 PM

Quant Time: Sep 28 03:56:20 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	137412	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	582689	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	273212	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	508983	20.00	ng		0.00
75) Chrysene-d12	14.09	240	447656	20.00	ng		0.00
86) Perylene-d12	15.57	264	420274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	950906	110.16	ng		0.00
7) Phenol-d6	6.55	99	1059592	99.51	ng		0.00
23) Nitrobenzene-d5	7.48	82	790518	87.00	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	291827	130.54	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1359718	83.08	ng		0.00
78) Terphenyl-d14	13.03	244	1461500	74.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	137563	33.362	ng		98
3) Pyridine	3.58	79	362076	32.460	ng		99
4) n-Nitrosodimethylamine	3.52	42	194916	41.208	ng		99
6) Aniline	6.58	93	224869	15.647	ng		98
8) 2-Chlorophenol	6.70	128	382220	39.101	ng		95
9) Benzaldehyde	6.47	77	73614	11.918	ng		98
10) Phenol	6.56	94	396894	33.327	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	383641	41.438	ng		99
12) 1,3-Dichlorobenzene	6.86	146	408919	39.943	ng		98
13) 1,4-Dichlorobenzene	6.93	146	413767	39.724	ng		99
14) 1,2-Dichlorobenzene	7.09	146	392306	40.762	ng		99
15) Benzyl Alcohol	7.06	79	341299	43.690	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	591032	40.975	ng		98
17) 2-Methylphenol	7.16	107	318349	39.801	ng		97
18) Hexachloroethane	7.43	117	147955	39.519	ng		97
19) n-Nitroso-di-n-propylamine	7.33	70	265863	39.106	ng		96
20) 3+4-Methylphenols	7.32	107	391188	38.660	ng	#	81
22) Acetophenone	7.32	105	540734	38.302	ng	#	99
24) Nitrobenzene	7.50	77	412937	40.064	ng		96
25) Isophorone	7.73	82	756589	40.275	ng		99
26) 2-Nitrophenol	7.81	139	213522	43.080	ng		94
27) 2,4-Dimethylphenol	7.85	122	361307	38.600	ng		98
28) bis(2-Chloroethoxy)methane	7.94	93	492079	42.034	ng		99
29) 2,4-Dichlorophenol	8.05	162	331821	41.290	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	331888	41.291	ng		99
31) Naphthalene	8.22	128	1135071	41.476	ng		100
32) Benzoic acid	7.94	122	124410	16.181	ng		96
33) 4-Chloroaniline	8.26	127	125074	10.944	ng		97
34) Hexachlorobutadiene	8.33	225	164805	39.808	ng		99
35) Caprolactam	8.63	113	102771m	39.867	ng		
36) 4-Chloro-3-methylphenol	8.75	107	360710	39.933	ng		96
37) 2-Methylnaphthalene	8.91	142	806449	45.330	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	304636	37.388	ng		99
40) Hexachlorocyclopentadiene	9.06	237	289573	77.767	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	228835	39.644	ng	98
43) 2,4,5-Trichlorophenol	9.23	196	242521	42.088	ng	96
45) 1,1'-Biphenyl	9.37	154	916484	39.031	ng	99
46) 2-Chloronaphthalene	9.40	162	730901	41.458	ng	99
47) 2-Nitroaniline	9.49	65	237593	44.013	ng	100
48) Acenaphthylene	9.82	152	1133673	42.006	ng	100
49) Dimethylphthalate	9.67	163	875193	42.443	ng	100
50) 2,6-Dinitrotoluene	9.73	165	202384	45.082	ng	97
51) Acenaphthene	9.99	154	745789	43.624	ng	99
52) 3-Nitroaniline	9.90	138	97462	18.619	ng	99
53) 2,4-Dinitrophenol	10.01	184	128114	56.649	ng	94
54) Dibenzofuran	10.16	168	1037056	45.560	ng	98
55) 4-Nitrophenol	10.06	139	342515	77.385	ng	93
56) 2,4-Dinitrotoluene	10.14	165	278973	47.882	ng	95
57) Fluorene	10.50	166	787334	43.034	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	185191	46.525	ng	99
59) Diethylphthalate	10.37	149	870325	43.194	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	352614	42.905	ng	97
61) 4-Nitroaniline	10.52	138	223048	44.168	ng	91
62) Azobenzene	10.65	77	831685	44.891	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	107489	34.710	ng	93
65) n-Nitrosodiphenylamine	10.61	169	729257	41.358	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	210414	42.234	ng	99
67) Hexachlorobenzene	11.05	284	214057	40.228	ng	95
68) Atrazine	11.14	200	233310	43.978	ng	99
69) Pentachlorophenol	11.25	266	247476	74.729	ng	99
70) Phenanthrene	11.47	178	1184323	43.470	ng	99
71) Anthracene	11.52	178	1218874	43.724	ng	100
72) Carbazole	11.67	167	1205071	44.144	ng	99
73) Di-n-butylphthalate	11.99	149	1389400	42.285	ng	100
74) Fluoranthene	12.66	202	1288762	46.714	ng	99
76) Benzidine	12.77	184	349895	21.132	ng	99
77) Pyrene	12.89	202	1346641	39.450	ng	99
79) Butylbenzylphthalate	13.50	149	668441	41.666	ng	94
80) Benzo(a)anthracene	14.07	228	1187181	43.797	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	221632	22.304	ng	96
82) Chrysene	14.12	228	1094795	42.423	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	901243	40.798	ng	99
84) Di-n-octyl phthalate	14.66	149	1537473	43.224	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	1041712	50.461	ng	96
87) Benzo(b)fluoranthene	15.14	252	1126124	43.580	ng	98
88) Benzo(k)fluoranthene	15.17	252	1034718	40.542	ng	99
89) Benzo(a)pyrene	15.52	252	1037564	43.743	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	857019	45.148	ng	96
91) Benzo(g,h,i)perylene	17.55	276	864894	46.094	ng	95

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

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