Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099086.D
Acq On : 5 Oct 2017 00:16
Operator : SJ/JU
Sample : I5644-13MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-COMPMSD

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:43 PM

Quant Time: Oct 05 05:39:19 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	6.86	152	123908	20.00	ng		-0.06
21) Naphthalene-d8	8.15	136	517351	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	233583	20.00	ng		-0.06
63) Phenanthrene-d10	11.39	188	411562	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	263198	20.00	ng		-0.05
86) Perylene-d12	15.50	264	208682	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	971527	124.82	ng		-0.05
7) Phenol-d6	6.50	99	1191938	124.13	ng		-0.04
23) Nitrobenzene-d5	7.43	82	713321	88.42	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	239214	125.15	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	1235104	88.27	ng		-0.06
78) Terphenyl-d14	12.97	244	1036033	89.52	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	134519	36.179	ng		96
3) Pyridine	3.47	79	204280	20.310	ng		96
4) n-Nitrosodimethylamine	3.42	42	167703	39.319	ng		84
6) Aniline	6.53	93	403955	31.171	ng		97
8) 2-Chlorophenol	6.66	128	371884	42.189	ng		94
9) Benzaldehyde	6.42	77	186345	33.456	ng		98
10) Phenol	6.52	94	485412	45.202	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	349450	41.858	ng		99
12) 1,3-Dichlorobenzene	6.81	146	384259	41.625	ng		97
13) 1,4-Dichlorobenzene	6.89	146	387862	41.295	ng		98
14) 1,2-Dichlorobenzene	7.04	146	362594	41.781	ng		97
15) Benzyl Alcohol	7.01	79	306881	43.566	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	521629	40.104	ng		97
17) 2-Methylphenol	7.12	107	312085	43.271	ng		98
18) Hexachloroethane	7.37	117	135731	40.205	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	237727	38.778	ng		97
20) 3+4-Methylphenols	7.27	107	372584	40.835	ng	#	87
22) Acetophenone	7.28	105	494694	39.467	ng	#	95
24) Nitrobenzene	7.45	77	374569	40.931	ng		96
25) Isophorone	7.69	82	701805	42.077	ng		100
26) 2-Nitrophenol	7.76	139	206327	46.886	ng		94
27) 2,4-Dimethylphenol	7.80	122	350424	42.166	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	444990	42.812	ng		99
29) 2,4-Dichlorophenol	8.00	162	308766	43.273	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	306743	42.983	ng		98
31) Naphthalene	8.17	128	1034852	42.590	ng		99
32) Benzoic acid	7.91	122	113087	16.566	ng		95
33) 4-Chloroaniline	8.22	127	308369	30.391	ng		99
34) Hexachlorobutadiene	8.28	225	148925	40.516	ng		99
35) Caprolactam	8.59	113	109672m	47.917	ng		
36) 4-Chloro-3-methylphenol	8.70	107	327968	40.894	ng		97
37) 2-Methylnaphthalene	8.86	142	713522	45.172	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	278647	40.000	ng		100
40) Hexachlorocyclopentadiene	9.01	237	190907	59.968	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	200572	40.643	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	210693	42.768	ng		97
45) 1,1'-Biphenyl	9.33	154	814043	40.550	ng		98
46) 2-Chloronaphthalene	9.35	162	636901	42.255	ng		99
47) 2-Nitroaniline	9.45	65	203050	43.995	ng		92
48) Acenaphthylene	9.77	152	988549	42.843	ng		100
49) Dimethylphthalate	9.63	163	910453	51.644	ng		100
50) 2,6-Dinitrotoluene	9.69	165	169246	44.097	ng		90
51) Acenaphthene	9.94	154	580081	39.688	ng		99
52) 3-Nitroaniline	9.86	138	166677	37.245	ng		89
53) 2,4-Dinitrophenol	9.97	184	119733	61.383	ng		96
54) Dibenzofuran	10.11	168	875041	44.964	ng		99
55) 4-Nitrophenol	10.03	139	289704	76.558	ng		87
56) 2,4-Dinitrotoluene	10.10	165	225383	45.247	ng		90
57) Fluorene	10.46	166	670497	42.866	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	155151	45.591	ng		99
59) Diethylphthalate	10.33	149	712699	41.372	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	295561	42.065	ng		94
61) 4-Nitroaniline	10.48	138	198868	46.061	ng		90
62) Azobenzene	10.60	77	686247	43.325	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	97851	39.077	ng		90
65) n-Nitrosodiphenylamine	10.56	169	605259	42.451	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	172630	42.852	ng		96
67) Hexachlorobenzene	11.00	284	175164	40.711	ng		92
68) Atrazine	11.09	200	187252	43.651	ng		99
69) Pentachlorophenol	11.20	266	177058	66.121	ng		99
70) Phenanthrene	11.42	178	951206	43.178	ng		98
71) Anthracene	11.47	178	983481	43.631	ng		99
72) Carbazole	11.62	167	940982	42.630	ng		99
73) Di-n-butylphthalate	11.94	149	1089340	41.000	ng		100
74) Fluoranthene	12.60	202	954060	42.768	ng		99
76) Benzidine	12.72	184	41213	4.234	ng		99
77) Pyrene	12.83	202	983306	48.994	ng		100
79) Butylbenzylphthalate	13.44	149	460234	48.793	ng		94
80) Benzo(a)anthracene	14.02	228	697072	43.738	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	191603	32.795	ng		98
82) Chrysene	14.06	228	660015	43.499	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	608753	46.871	ng	#	99
84) Di-n-octyl phthalate	14.61	149	894590	42.776	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	588063	48.450	ng		96
87) Benzo(b)fluoranthene	15.07	252	560956m	43.720	ng		
88) Benzo(k)fluoranthene	15.10	252	519499	40.993	ng		99
89) Benzo(a)pyrene	15.44	252	525534	44.622	ng	#	97
90) Dibenzo(a,h)anthracene	17.00	278	487966	51.771	ng		98
91) Benzo(g,h,i)perylene	17.44	276	511674	54.918	ng		95

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

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