Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099479.D
Acq On : 14 Oct 2017 16:19
Operator : SJ/JU
Sample : PB103277BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Manual Integrations APPROVED
Sohil
10/15/2017 12:41:21 PM

Quant Time: Oct 15 00:01:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99633	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	410977	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	185272	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	334738	20.00	ng		0.00
75) Chrysene-d12	14.02	240	216939	20.00	ng		0.00
86) Perylene-d12	15.49	264	163342	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	752486	120.23	ng		0.02
7) Phenol-d6	6.50	99	907793	117.58	ng		0.00
23) Nitrobenzene-d5	7.42	82	544962	85.04	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	190445	125.62	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1044347	94.10	ng		0.00
78) Terphenyl-d14	12.96	244	894708	93.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	109370	36.58	ng		95
3) Pyridine	3.49	79	297579	36.79	ng		93
4) n-Nitrosodimethylamine	3.45	42	124965	36.44	ng		83
6) Aniline	6.52	93	166841	16.01	ng		99
8) 2-Chlorophenol	6.65	128	297969	42.04	ng		93
9) Benzaldehyde	6.41	77	101340	22.63	ng		91
10) Phenol	6.51	94	354324	41.03	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	272982	40.67	ng		97
12) 1,3-Dichlorobenzene	6.79	146	316761	42.67	ng		98
13) 1,4-Dichlorobenzene	6.87	146	320113	42.39	ng		100
14) 1,2-Dichlorobenzene	7.02	146	296354	42.47	ng		98
15) Benzyl Alcohol	7.00	79	223503	39.46	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	384215	36.74	ng		78
17) 2-Methylphenol	7.11	107	246486	42.50	ng		99
18) Hexachloroethane	7.36	117	111765	41.17	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	184276	37.38	ng		92
20) 3+4-Methylphenols	7.26	107	297457	40.54	ng	#	66
22) Acetophenone	7.26	105	388334	39.00	ng		97
24) Nitrobenzene	7.44	77	295045	40.59	ng		96
25) Isophorone	7.67	82	544765	41.12	ng		98
26) 2-Nitrophenol	7.76	139	167302	47.86	ng	#	86
27) 2,4-Dimethylphenol	7.79	122	268781	40.71	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	353822	42.85	ng		100
29) 2,4-Dichlorophenol	8.00	162	251663	44.40	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	251419	44.35	ng		100
31) Naphthalene	8.16	128	848244	43.95	ng		100
32) Benzoic acid	7.92	122	124898	23.03	ng		98
33) 4-Chloroaniline	8.21	127	55076	6.83	ng		97
34) Hexachlorobutadiene	8.27	225	125138	42.86	ng		98
35) Caprolactam	8.59	113	83358m	45.85	ng		
36) 4-Chloro-3-methylphenol	8.70	107	261495	41.04	ng		97
37) 2-Methylnaphthalene	8.85	142	582208	46.40	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	231552	41.91	ng		99
40) Hexachlorocyclopentadiene	9.00	237	149887	59.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	155326	39.68	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	165773	42.42	ng		97
45) 1,1'-Biphenyl	9.31	154	681215	42.78	ng		100
46) 2-Chloronaphthalene	9.34	162	532579	44.55	ng		98
47) 2-Nitroaniline	9.44	65	155068	42.36	ng		99
48) Acenaphthylene	9.76	152	811397	44.33	ng		99
49) Dimethylphthalate	9.62	163	630578	45.10	ng		99
50) 2,6-Dinitrotoluene	9.68	165	140387	46.12	ng		94
51) Acenaphthene	9.93	154	476084	41.07	ng		98
52) 3-Nitroaniline	9.85	138	54338	15.31	ng		93
53) 2,4-Dinitrophenol	9.97	184	68682	46.01	ng		88
54) Dibenzofuran	10.10	168	705263	45.69	ng		100
55) 4-Nitrophenol	10.03	139	161051	53.66	ng		87
56) 2,4-Dinitrotoluene	10.09	165	174965	44.28	ng		95
57) Fluorene	10.44	166	559442	45.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118470	43.89	ng		97
59) Diethylphthalate	10.31	149	596785	43.68	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	252642	45.33	ng		100
61) 4-Nitroaniline	10.47	138	153729	44.89	ng		86
62) Azobenzene	10.59	77	556792	44.32	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	65660	32.24	ng	#	74
65) n-Nitrosodiphenylamine	10.55	169	509898	43.97	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	149216	45.54	ng		92
67) Hexachlorobenzene	10.99	284	148637	42.47	ng		93
68) Atrazine	11.08	200	159131	45.61	ng		99
69) Pentachlorophenol	11.19	266	114177	52.42	ng		99
70) Phenanthrene	11.41	178	800327	44.67	ng		99
71) Anthracene	11.46	178	840412	45.84	ng		99
72) Carbazole	11.62	167	771803	42.99	ng		99
73) Di-n-butylphthalate	11.93	149	944683	43.72	ng		99
74) Fluoranthene	12.60	202	822065	45.31	ng		97
76) Benzidine	12.72	184	208931	26.04	ng		98
77) Pyrene	12.83	202	824332	49.83	ng		99
79) Butylbenzylphthalate	13.43	149	377518	48.56	ng		93
80) Benzo(a)anthracene	14.02	228	611008	46.51	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	76697	15.93	ng		99
82) Chrysene	14.05	228	567967	45.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	495337	46.27	ng		99
84) Di-n-octyl phthalate	14.59	149	709082	41.14	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	471635	47.14	ng		96
87) Benzo(b)fluoranthene	15.06	252	478903	47.69	ng		98
88) Benzo(k)fluoranthene	15.09	252	429357	43.28	ng		99
89) Benzo(a)pyrene	15.43	252	430549	46.70	ng	#	97
90) Dibenzo(a,h)anthracene	16.99	278	389824	52.84	ng		96
91) Benzo(g,h,i)perylene	17.44	276	414346	56.82	ng		96

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

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