Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
Data File : BF099199.D
Acq On : 7 Oct 2017 17:31
Operator : SJ/JU
Sample : I5678-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-100417MS

Manual Integrations APPROVED
Sohil
10/9/2017 6:34:15 PM

Quant Time: Oct 08 04:43:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Oct 08 03:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115894	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	450642	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	179168	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	270120	20.00	ng		0.00
75) Chrysene-d12	14.03	240	216980	20.00	ng		0.00
86) Perylene-d12	15.51	264	171596	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	203534	27.96	ng		0.00
7) Phenol-d6	6.49	99	241170	26.85	ng		0.00
23) Nitrobenzene-d5	7.42	82	130540	18.58	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	32495	22.16	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	250641	23.35	ng		0.00
78) Terphenyl-d14	12.97	244	172893	18.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	23632	6.795	ng		93
3) Pyridine	3.46	79	52724	5.604	ng		95
4) n-Nitrosodimethylamine	3.36	42	28191	7.067	ng		80
6) Aniline	6.53	93	60910	5.025	ng		97
8) 2-Chlorophenol	6.65	128	71082	8.622	ng		93
9) Benzaldehyde	6.42	77	29052	5.577	ng		94
10) Phenol	6.50	94	95937	9.552	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	65067	8.333	ng		97
12) 1,3-Dichlorobenzene	6.80	146	73970	8.567	ng		97
13) 1,4-Dichlorobenzene	6.88	146	76837	8.746	ng		97
14) 1,2-Dichlorobenzene	7.03	146	72285	8.905	ng		96
15) Benzyl Alcohol	7.00	79	54558	8.281	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	94499	7.768	ng		98
17) 2-Methylphenol	7.12	107	57278	8.491	ng		96
18) Hexachloroethane	7.37	117	17621	5.580	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	45335	7.906	ng	#	94
20) 3+4-Methylphenols	7.27	107	72268	8.468	ng	#	51
22) Acetophenone	7.27	105	97361	8.917	ng	#	97
24) Nitrobenzene	7.45	77	66643	8.360	ng		96
25) Isophorone	7.68	82	121334	8.352	ng		100
26) 2-Nitrophenol	7.76	139	21183	5.526	ng		88
27) 2,4-Dimethylphenol	7.80	122	59121	8.167	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	79236	8.752	ng		98
29) 2,4-Dichlorophenol	8.00	162	51635	8.308	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	56188	9.039	ng		99
31) Naphthalene	8.17	128	208662	9.859	ng		99
33) 4-Chloroaniline	8.22	127	55504	6.280	ng		97
34) Hexachlorobutadiene	8.28	225	27092	8.462	ng		97
35) Caprolactam	8.55	113	14460	7.253	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	52064	7.453	ng		95
37) 2-Methylnaphthalene	8.86	142	143185	10.407	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	48427	9.063	ng		98
42) 2,4,6-Trichlorophenol	9.14	196	30063	7.942	ng		96
43) 2,4,5-Trichlorophenol	9.18	196	31035	8.213	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.32	154	147396	9.572	ng		98
46) 2-Chloronaphthalene	9.35	162	108292	9.367	ng		97
47) 2-Nitroaniline	9.45	65	31247	8.827	ng		90
48) Acenaphthylene	9.76	152	179575	10.146	ng		100
49) Dimethylphthalate	9.62	163	160590	11.876	ng		98
50) 2,6-Dinitrotoluene	9.68	165	20093	6.825	ng		94
51) Acenaphthene	9.93	154	114102	10.177	ng		98
52) 3-Nitroaniline	9.85	138	29915	8.715	ng		98
54) Dibenzofuran	10.10	168	159515	10.686	ng		100
55) 4-Nitrophenol	10.02	139	30635	10.554	ng		87
56) 2,4-Dinitrotoluene	10.09	165	22814	5.971	ng	#	93
57) Fluorene	10.45	166	139705	11.644	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	19751	7.566	ng		99
59) Diethylphthalate	10.32	149	116206	8.794	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	46992	8.719	ng		96
61) 4-Nitroaniline	10.46	138	30271	9.141	ng		86
62) Azobenzene	10.60	77	98162	8.080	ng		94
65) n-Nitrosodiphenylamine	10.56	169	93939	10.039	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	24382	9.222	ng		98
67) Hexachlorobenzene	11.00	284	24608	8.714	ng		94
68) Atrazine	11.08	200	26751	9.501	ng		99
69) Pentachlorophenol	11.19	266	16819	9.570	ng		97
70) Phenanthrene	11.42	178	337775	23.361	ng		98
71) Anthracene	11.46	178	193292	13.066	ng		99
72) Carbazole	11.62	167	149258	10.303	ng		99
73) Di-n-butylphthalate	11.94	149	159700	9.158	ng		98
74) Fluoranthene	12.60	202	387554	26.470	ng		98
76) Benzidine	12.72	184	30946	3.856	ng		97
77) Pyrene	12.83	202	368440	22.268	ng		99
79) Butylbenzylphthalate	13.44	149	64859	8.341	ng		99
80) Benzo(a)anthracene	14.02	228	220340	16.770	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	38036	7.897	ng		100
82) Chrysene	14.06	228	200367	16.018	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	103437	9.661	ng		97
84) Di-n-octyl phthalate	14.61	149	157835	9.155	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	117267	11.720	ng		98
87) Benzo(b)fluoranthene	15.07	252	189018m	17.916	ng		
88) Benzo(k)fluoranthene	15.10	252	141860m	13.613	ng		
89) Benzo(a)pyrene	15.44	252	156887	16.200	ng	#	94
90) Dibenzo(a,h)anthracene	17.00	278	75321	9.718	ng		96
91) Benzo(g,h,i)perylene	17.44	276	97395	12.713	ng		93

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

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