Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097717.D
Acq On : 16 Aug 2017 4:02
Operator : SJ/JU
Sample : I4703-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-G9-BASEMSD

Manual Integrations APPROVED
Sohil
8/16/2017 6:49:17 PM

Quant Time: Aug 16 11:57:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145121	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	576676	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	248103	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	421736	20.00	ng		0.00
75) Chrysene-d12	13.94	240	286360	20.00	ng		0.00
86) Perylene-d12	15.37	264	276979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	792316	83.05	ng		0.00
7) Phenol-d6	6.42	99	1085883	83.77	ng		0.00
23) Nitrobenzene-d5	7.35	82	653282	61.54	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	173669	80.68	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	825299	48.87	ng		0.00
78) Terphenyl-d14	12.89	244	565540	41.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	118325	22.238	ng		90
3) Pyridine	3.23	79	337001	22.911	ng		87
4) n-Nitrosodimethylamine	3.18	42	146550	25.893	ng		82
6) Aniline	6.45	93	363937	19.985	ng		96
8) 2-Chlorophenol	6.57	128	286892	28.513	ng		97
9) Benzaldehyde	6.33	77	139608	17.003	ng		83
10) Phenol	6.43	94	443315	29.241	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	319512	27.922	ng		97
12) 1,3-Dichlorobenzene	6.73	146	268953	24.851	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	270450	24.570	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	255426	25.166	ng		99
15) Benzyl Alcohol	6.93	79	292869	30.176	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	419086	27.220	ng		92
17) 2-Methylphenol	7.04	107	260659	29.397	ng		97
18) Hexachloroethane	7.30	117	98769	22.887	ng	#	80
19) n-Nitroso-di-n-propylamine	7.20	70	239857	27.029	ng		90
20) 3+4-Methylphenols	7.19	107	319118	29.467	ng		91
22) Acetophenone	7.19	105	429872	28.217	ng	#	91
24) Nitrobenzene	7.37	77	360778	30.524	ng		94
25) Isophorone	7.61	82	642789	29.121	ng		97
26) 2-Nitrophenol	7.68	139	126960	31.659	ng	#	70
27) 2,4-Dimethylphenol	7.72	122	256445	27.857	ng		91
28) bis(2-Chloroethoxy)methane	7.82	93	406602	28.019	ng		91
29) 2,4-Dichlorophenol	7.92	162	220951	28.914	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	216686	25.579	ng		99
31) Naphthalene	8.09	128	785667	26.243	ng		100
32) Benzoic acid	7.76	122	1220m	6.562	ng		
33) 4-Chloroaniline	8.14	127	247346	19.590	ng		99
34) Hexachlorobutadiene	8.21	225	122677	24.803	ng		98
35) Caprolactam	8.49	113	75429m	29.035	ng		
36) 4-Chloro-3-methylphenol	8.62	107	271182	27.621	ng	#	77
37) 2-Methylnaphthalene	8.78	142	504381	27.479	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	210800	27.685	ng		99
40) Hexachlorocyclopentadiene	8.93	237	58463	15.982	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	146731	28.703	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	152498	30.070	ng		95
45) 1,1'-Biphenyl	9.25	154	602514	26.631	ng		96
46) 2-Chloronaphthalene	9.27	162	440513	26.351	ng	#	92
47) 2-Nitroaniline	9.36	65	178853	31.914	ng		94
48) Acenaphthylene	9.69	152	698608	26.612	ng		99
49) Dimethylphthalate	9.55	163	630479	34.765	ng		98
50) 2,6-Dinitrotoluene	9.60	165	110415	30.501	ng	#	50
51) Acenaphthene	9.86	154	420538	25.400	ng		99
52) 3-Nitroaniline	9.77	138	121270	25.965	ng		92
53) 2,4-Dinitrophenol	9.87	184	1874	11.092	ng	#	1
54) Dibenzofuran	10.03	168	637479	28.729	ng		99
55) 4-Nitrophenol	9.93	139	183682	49.301	ng	#	39
56) 2,4-Dinitrotoluene	10.00	165	140277	30.877	ng	#	43
57) Fluorene	10.37	166	461624	26.908	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	117251	29.862	ng		95
59) Diethylphthalate	10.25	149	589909	31.105	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	221079	27.739	ng		91
61) 4-Nitroaniline	10.38	138	120482	27.141	ng	#	70
62) Azobenzene	10.53	77	648104	28.769	ng		94
64) 4,6-Dinitro-2-methylphenol	10.41	198	10387	12.641	ng		85
65) n-Nitrosodiphenylamine	10.48	169	436040	30.362	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	134847	30.791	ng		98
67) Hexachlorobenzene	10.92	284	122102	27.354	ng	#	92
68) Atrazine	11.01	200	126093	33.107	ng		97
69) Pentachlorophenol	11.10	266	118001	45.339	ng		98
70) Phenanthrene	11.33	178	616678	27.441	ng		100
71) Anthracene	11.38	178	621996	27.288	ng		99
72) Carbazole	11.53	167	579024	26.762	ng		98
73) Di-n-butylphthalate	11.87	149	792946	31.817	ng		99
74) Fluoranthene	12.52	202	546379	23.293	ng		98
76) Benzidine	12.64	184	248719	26.490	ng	#	92
77) Pyrene	12.74	202	549263	23.452	ng		99
79) Butylbenzylphthalate	13.37	149	261270	29.096	ng	#	69
80) Benzo(a)anthracene	13.93	228	456400	26.593	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	164627	28.426	ng	#	95
82) Chrysene	13.96	228	459032	26.886	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	326974	32.860	ng	#	98
84) Di-n-octyl phthalate	14.54	149	620915	35.863	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	381708	30.392	ng		95
87) Benzo(b)fluoranthene	14.96	252	463405	26.543	ng		99
88) Benzo(k)fluoranthene	14.99	252	471312	28.734	ng	#	94
89) Benzo(a)pyrene	15.31	252	439727	28.450	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	328272	26.089	ng		99
91) Benzo(g,h,i)perylene	17.19	276	295490	22.506	ng		93

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

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