Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096875.D
Acq On : 19 Jul 2017 17:39
Operator : SJ/JU
Sample : I4272-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Manual Integrations APPROVED
Sohil
7/20/2017 3:04:25 PM

Quant Time: Jul 19 19:04:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	99131	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	430315	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	190860	20.00	ng		-0.01
63) Phenanthrene-d10	11.10	188	327159	20.00	ng		0.00
75) Chrysene-d12	13.73	240	198773	20.00	ng		0.00
86) Perylene-d12	15.09	264	175130	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	809659	122.81	ng		0.00
7) Phenol-d6	6.25	99	977246	123.52	ng		0.00
23) Nitrobenzene-d5	7.16	82	584823	84.18	ng		-0.01
41) 2,4,6-Tribromophenol	10.41	330	207828	127.57	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	1013659	83.91	ng		-0.01
78) Terphenyl-d14	12.68	244	771632	67.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	123341	36.358	ng	#	75
3) Pyridine	2.89	79	311911	43.749	ng	#	63
4) n-Nitrosodimethylamine	2.84	42	183963	46.140	ng		80
6) Aniline	6.25	93	332702	34.139	ng	#	42
8) 2-Chlorophenol	6.38	128	304797	42.853	ng		99
9) Benzaldehyde	6.13	77	119841	26.207	ng		98
10) Phenol	6.26	94	406952	45.500	ng		97
11) bis(2-Chloroethyl)ether	6.33	93	281102	41.795	ng		92
12) 1,3-Dichlorobenzene	6.53	146	314190	41.557	ng		98
13) 1,4-Dichlorobenzene	6.60	146	320852	41.906	ng		96
14) 1,2-Dichlorobenzene	6.76	146	293029	42.078	ng		98
15) Benzyl Alcohol	6.74	79	236687	45.694	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	575136	41.435	ng		98
17) 2-Methylphenol	6.86	107	243863	44.091	ng		95
18) Hexachloroethane	7.10	117	114718	42.254	ng	#	82
19) n-Nitroso-di-n-propylamine	7.02	70	199423	41.838	ng	#	85
20) 3+4-Methylphenols	7.02	107	304361	45.348	ng	#	69
22) Acetophenone	7.00	105	410341	42.665	ng	#	99
24) Nitrobenzene	7.17	77	302447	42.094	ng		93
25) Isophorone	7.42	82	543685	42.069	ng	#	94
26) 2-Nitrophenol	7.49	139	174823	43.759	ng		90
27) 2,4-Dimethylphenol	7.55	122	279241	42.486	ng		94
28) bis(2-Chloroethoxy)methane	7.63	93	364509	41.739	ng		98
29) 2,4-Dichlorophenol	7.74	162	258932	43.522	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	234984	41.541	ng		97
31) Naphthalene	7.89	128	871707	42.762	ng		100
32) Benzoic acid	7.64	122	31333	7.459	ng		89
33) 4-Chloroaniline	7.95	127	270519	33.495	ng		97
34) Hexachlorobutadiene	8.02	225	121619	40.275	ng		97
35) Caprolactam	8.32	113	85400m	44.799	ng		
36) 4-Chloro-3-methylphenol	8.45	107	270235	42.243	ng		89
37) 2-Methylnaphthalene	8.59	142	591704	45.529	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	207224	40.165	ng		99
40) Hexachlorocyclopentadiene	8.75	237	159644	82.129	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	159246	41.844	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	163623	42.630	ng		93
45) 1,1'-Biphenyl	9.05	154	652744	39.877	ng		98
46) 2-Chloronaphthalene	9.07	162	509808	42.296	ng	#	91
47) 2-Nitroaniline	9.17	65	190440	45.965	ng		97
48) Acenaphthylene	9.49	152	809581	42.155	ng		98
49) Dimethylphthalate	9.36	163	742684	51.679	ng		98
50) 2,6-Dinitrotoluene	9.42	165	135996	43.689	ng	#	85
51) Acenaphthene	9.66	154	466345	41.105	ng		97
52) 3-Nitroaniline	9.58	138	131837	35.752	ng		90
53) 2,4-Dinitrophenol	9.69	184	50216	36.576	ng	#	75
54) Dibenzofuran	9.83	168	690011	43.402	ng		99
55) 4-Nitrophenol	9.76	139	211697	78.580	ng	#	66
56) 2,4-Dinitrotoluene	9.82	165	168158	42.040	ng	#	69
57) Fluorene	10.17	166	512119	43.591	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	128748	48.367	ng		96
59) Diethylphthalate	10.06	149	579048	41.389	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	211322	42.886	ng		98
61) 4-Nitroaniline	10.19	138	160900	46.465	ng		91
62) Azobenzene	10.32	77	551507	44.685	ng		93
64) 4,6-Dinitro-2-methylphenol	10.23	198	75095	36.559	ng	#	76
65) n-Nitrosodiphenylamine	10.29	169	486952	41.639	ng		98
66) 4-Bromophenyl-phenylether	10.65	248	140154	41.960	ng		94
67) Hexachlorobenzene	10.72	284	149331	40.141	ng	#	87
68) Atrazine	10.82	200	137241	41.191	ng		93
69) Pentachlorophenol	10.92	266	131610	73.231	ng		99
70) Phenanthrene	11.12	178	757231	42.568	ng		99
71) Anthracene	11.17	178	767550	42.675	ng		99
72) Carbazole	11.33	167	747494	42.917	ng		99
73) Di-n-butylphthalate	11.67	149	881027	40.617	ng	#	98
74) Fluoranthene	12.30	202	748075	43.935	ng		98
76) Benzidine	12.43	184	366601	56.297	ng	#	92
77) Pyrene	12.53	202	756229	41.920	ng		98
79) Butylbenzylphthalate	13.16	149	359445	41.936	ng	#	81
80) Benzo(a)anthracene	13.72	228	528690	42.688	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	128566	28.867	ng	#	96
82) Chrysene	13.75	228	509288	41.770	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	444360	42.571	ng	#	99
84) Di-n-octyl phthalate	14.33	149	723993	41.960	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.38	276	453742	39.939	ng		99
87) Benzo(b)fluoranthene	14.72	252	423299	40.076	ng		97
88) Benzo(k)fluoranthene	14.74	252	422387m	42.231	ng		
89) Benzo(a)pyrene	15.04	252	412691	42.600	ng		99
90) Dibenzo(a,h)anthracene	16.39	278	366859	41.155	ng		99
91) Benzo(g,h,i)perylene	16.76	276	392264	41.094	ng		97

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

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