Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097312.D
Acq On : 3 Aug 2017 11:03
Operator : SJ/JU
Sample : I4471-20MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSWMSD

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:40 PM

Quant Time: Aug 03 13:19:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 12:06:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	96811	20.00	ng		0.00
21) Naphthalene-d8	7.73	136	395426	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	157711	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	264544	20.00	ng		0.00
75) Chrysene-d12	13.57	240	167816	20.00	ng		0.00
86) Perylene-d12	14.92	264	157210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	703815	109.59	ng		0.00
7) Phenol-d6	6.13	99	801171	109.28	ng		0.00
23) Nitrobenzene-d5	7.02	82	487418	72.31	ng		0.00
41) 2,4,6-Tribromophenol	10.27	330	143141	114.87	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	749446	80.65	ng		0.00
78) Terphenyl-d14	12.53	244	494534	60.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	77153	28.789	ng	#	73
3) Pyridine	2.59	79	238655	29.082	ng	#	64
4) n-Nitrosodimethylamine	2.53	42	147822	32.515	ng	#	76
6) Aniline	6.12	93	251554	27.266	ng		92
8) 2-Chlorophenol	6.25	128	260168	37.887	ng		96
9) Benzaldehyde	5.99	77	179454	41.353	ng		97
10) Phenol	6.14	94	356460	40.990	ng		98
11) bis(2-Chloroethyl)ether	6.20	93	256375	37.275	ng		91
12) 1,3-Dichlorobenzene	6.39	146	259908	35.121	ng		97
13) 1,4-Dichlorobenzene	6.47	146	271959	37.083	ng		94
14) 1,2-Dichlorobenzene	6.62	146	226921	35.437	ng		98
15) Benzyl Alcohol	6.62	79	194975	42.005	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.74	45	501111	36.325	ng		80
17) 2-Methylphenol	6.75	107	196769	37.128	ng	#	86
18) Hexachloroethane	6.96	117	86173	32.118	ng	#	80
19) n-Nitroso-di-n-propylamine	6.89	70	176943	36.666	ng	#	82
20) 3+4-Methylphenols	6.90	107	279627	40.397	ng	#	62
22) Acetophenone	6.87	105	345177	36.350	ng		96
24) Nitrobenzene	7.05	77	250482	35.681	ng		93
25) Isophorone	7.29	82	506741	38.388	ng		96
26) 2-Nitrophenol	7.36	139	144161	37.957	ng	#	88
27) 2,4-Dimethylphenol	7.42	122	229610	36.649	ng		97
28) bis(2-Chloroethoxy)methane	7.50	93	336831	39.101	ng		99
29) 2,4-Dichlorophenol	7.62	162	225166	41.718	ng		96
30) 1,2,4-Trichlorobenzene	7.69	180	185704	36.097	ng		98
31) Naphthalene	7.76	128	707964	37.981	ng		99
33) 4-Chloroaniline	7.83	127	225280	29.703	ng		98
34) Hexachlorobutadiene	7.88	225	95556	35.036	ng		99
35) Caprolactam	8.19	113	81014m	46.810	ng		
36) 4-Chloro-3-methylphenol	8.33	107	203776	34.607	ng		90
37) 2-Methylnaphthalene	8.45	142	450734	38.192	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	171203	40.684	ng		98
40) Hexachlorocyclopentadiene	8.60	237	10006	12.831	ng		98
42) 2,4,6-Trichlorophenol	8.74	196	126060	41.338	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.79	196	121240	39.721	ng		96
45) 1,1'-Biphenyl	8.92	154	487836	36.215	ng		97
46) 2-Chloronaphthalene	8.93	162	374686	37.798	ng	#	91
47) 2-Nitroaniline	9.04	65	158198	43.974	ng		95
48) Acenaphthylene	9.35	152	527837	34.691	ng		100
49) Dimethylphthalate	9.22	163	655752	54.754	ng		100
50) 2,6-Dinitrotoluene	9.29	165	97406	38.347	ng	#	76
51) Acenaphthene	9.52	154	327775	36.572	ng		99
52) 3-Nitroaniline	9.45	138	103415	32.800	ng		94
53) 2,4-Dinitrophenol	9.60	184	4285	3.710	ng	#	1
54) Dibenzofuran	9.69	168	491919	41.207	ng		95
55) 4-Nitrophenol	9.65	139	117840	62.849	ng	#	59
56) 2,4-Dinitrotoluene	9.69	165	121139	41.485	ng	#	57
57) Fluorene	10.03	166	365238	40.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	82441	39.118	ng	#	98
59) Diethylphthalate	9.92	149	418686	38.106	ng		100
60) 4-Chlorophenyl-phenylether	10.03	204	149466	40.341	ng		97
61) 4-Nitroaniline	10.06	138	95560	31.898	ng		93
62) Azobenzene	10.19	77	430483	42.233	ng		89
64) 4,6-Dinitro-2-methylphenol	10.11	198	25079	15.256	ng		89
65) n-Nitrosodiphenylamine	10.15	169	421579	45.801	ng		97
66) 4-Bromophenyl-phenylether	10.51	248	96298	36.476	ng		96
67) Hexachlorobenzene	10.58	284	98608	33.307	ng	#	88
68) Atrazine	10.68	200	108877	41.250	ng		93
69) Pentachlorophenol	10.78	266	80058	65.356	ng		97
70) Phenanthrene	10.98	178	525001	37.039	ng		99
71) Anthracene	11.03	178	506738	34.905	ng		98
72) Carbazole	11.19	167	504643	35.345	ng		99
73) Di-n-butylphthalate	11.53	149	694223	39.335	ng		99
74) Fluoranthene	12.16	202	491830	35.419	ng		99
76) Benzidine	12.29	184	138604	22.259	ng	#	93
77) Pyrene	12.38	202	492630	35.857	ng		99
79) Butylbenzylphthalate	13.01	149	240548	34.421	ng	#	77
80) Benzo(a)anthracene	13.57	228	364429	33.562	ng		100
81) 3,3'-Dichlorobenzidine	13.53	252	124743	30.464	ng	#	95
82) Chrysene	13.60	228	359534	33.909	ng		99
83) Bis(2-ethylhexyl)phthalate	13.58	149	322937	35.392	ng		98
84) Di-n-octyl phthalate	14.19	149	559504	33.414	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.13	276	278605	30.644	ng		98
87) Benzo(b)fluoranthene	14.56	252	325412	34.434	ng		97
88) Benzo(k)fluoranthene	14.59	252	308687	34.279	ng		97
89) Benzo(a)pyrene	14.87	252	306152	35.397	ng		99
90) Dibenzo(a,h)anthracene	16.13	278	235341	33.181	ng		96
91) Benzo(g,h,i)perylene	16.48	276	219820	29.554	ng		97

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

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