Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097529.D
Acq On : 9 Aug 2017 21:34
Operator : SJ/JU
Sample : I4658-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L9-SSWMSD

Manual Integrations APPROVED
Sohil
8/10/2017 6:07:40 PM

Quant Time: Aug 10 13:26:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	106311	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	461550	20.00	ng		-0.02
38) Acenaphthene-d10	9.43	164	197859	20.00	ng		-0.01
63) Phenanthrene-d10	10.90	188	315907	20.00	ng		-0.02
75) Chrysene-d12	13.53	240	154756	20.00	ng		-0.01
86) Perylene-d12	14.86	264	172073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	681131	96.58	ng		-0.01
7) Phenol-d6	6.07	99	773297	96.05	ng		-0.01
23) Nitrobenzene-d5	6.97	82	454466	57.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	138066	88.32	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	704365	60.42	ng		-0.01
78) Terphenyl-d14	12.48	244	469612	61.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	76124	25.867	ng	#	64
3) Pyridine	2.51	79	237846	26.393	ng	#	57
4) n-Nitrosodimethylamine	2.46	42	149094	29.864	ng	#	78
6) Aniline	6.06	93	290438	28.668	ng		94
8) 2-Chlorophenol	6.19	128	245412	32.545	ng		91
9) Benzaldehyde	5.95	77	104242	21.875	ng		95
10) Phenol	6.09	94	327576	34.303	ng		97
11) bis(2-Chloroethyl)ether	6.15	93	271957	36.007	ng		88
12) 1,3-Dichlorobenzene	6.33	146	247480	30.454	ng		97
13) 1,4-Dichlorobenzene	6.42	146	259233	32.189	ng		96
14) 1,2-Dichlorobenzene	6.56	146	220685	31.384	ng		98
15) Benzyl Alcohol	6.56	79	205662	40.348	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.69	45	508343	33.556	ng		84
17) 2-Methylphenol	6.69	107	196940	33.839	ng	#	89
18) Hexachloroethane	6.90	117	91158	30.940	ng	#	79
19) n-Nitroso-di-n-propylamine	6.83	70	184128	34.745	ng	#	82
20) 3+4-Methylphenols	6.85	107	284031	37.367	ng	#	59
22) Acetophenone	6.82	105	344078	31.043	ng		97
24) Nitrobenzene	6.99	77	254874	31.105	ng		95
25) Isophorone	7.23	82	480371	31.177	ng		98
26) 2-Nitrophenol	7.31	139	136846	30.869	ng	#	84
27) 2,4-Dimethylphenol	7.37	122	229304	31.356	ng		98
28) bis(2-Chloroethoxy)methane	7.45	93	326140	32.436	ng		97
29) 2,4-Dichlorophenol	7.57	162	206809	32.828	ng		96
30) 1,2,4-Trichlorobenzene	7.63	180	183424	30.546	ng		97
31) Naphthalene	7.70	128	695809	31.981	ng		99
32) Benzoic acid	7.53	122	60002	10.988	ng		93
33) 4-Chloroaniline	7.77	127	270054	30.505	ng		99
34) Hexachlorobutadiene	7.83	225	95782	30.088	ng		98
35) Caprolactam	8.15	113	79213m	39.213	ng		
36) 4-Chloro-3-methylphenol	8.28	107	230252	33.501	ng		86
37) 2-Methylnaphthalene	8.39	142	473241	34.354	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	165048	31.263	ng		99
40) Hexachlorocyclopentadiene	8.55	237	34391	23.685	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	114015	29.801 ng		99
43) 2,4,5-Trichlorophenol	8.75	196	111923	29.228 ng		96
45) 1,1'-Biphenyl	8.86	154	522234	30.902 ng		97
46) 2-Chloronaphthalene	8.88	162	396845	31.910 ng	#	93
47) 2-Nitroaniline	8.99	65	168590	37.354 ng		96
48) Acenaphthylene	9.29	152	599883	31.426 ng		99
49) Dimethylphthalate	9.17	163	588325	39.156 ng		100
50) 2,6-Dinitrotoluene	9.24	165	105902	33.232 ng	#	78
51) Acenaphthene	9.46	154	361344	32.136 ng		99
52) 3-Nitroaniline	9.40	138	118898	30.059 ng		94
53) 2,4-Dinitrophenol	9.54	184	53633	37.015 ng	#	75
54) Dibenzofuran	9.63	168	532015	35.522 ng		94
55) 4-Nitrophenol	9.62	139	55048m	23.402 ng		
56) 2,4-Dinitrotoluene	9.65	165	146404	39.964 ng	#	89
57) Fluorene	9.97	166	395278	35.115 ng		99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	94377	35.695 ng		95
59) Diethylphthalate	9.87	149	473124	34.323 ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	159366	34.285 ng		100
61) 4-Nitroaniline	10.02	138	123449	32.846 ng		92
62) Azobenzene	10.13	77	482105	37.700 ng		92
64) 4,6-Dinitro-2-methylphenol	10.06	198	56649	28.858 ng		93
65) n-Nitrosodiphenylamine	10.09	169	393801	35.827 ng		100
66) 4-Bromophenyl-phenylether	10.45	248	107514	34.103 ng		95
67) Hexachlorobenzene	10.52	284	106150	30.025 ng	#	82
68) Atrazine	10.63	200	112490	35.690 ng		94
69) Pentachlorophenol	10.73	266	72054	49.258 ng		95
70) Phenanthrene	10.93	178	626033	36.986 ng		99
71) Anthracene	10.97	178	583182	33.639 ng		99
72) Carbazole	11.14	167	548034	32.143 ng		100
73) Di-n-butylphthalate	11.48	149	693259	32.894 ng		99
74) Fluoranthene	12.10	202	536473	32.353 ng		98
76) Benzidine	12.24	184	207067	36.061 ng	#	92
77) Pyrene	12.33	202	528310	41.700 ng		99
79) Butylbenzylphthalate	12.96	149	226960	35.217 ng	#	80
80) Benzo(a)anthracene	13.52	228	333693	33.325 ng		100
81) 3,3'-Dichlorobenzidine	13.49	252	101882	26.981 ng	#	96
82) Chrysene	13.55	228	334317	34.192 ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	271910	32.315 ng		99
84) Di-n-octyl phthalate	14.13	149	497183	32.198 ng	#	70
85) Indeno(1,2,3-cd)pyrene	16.05	276	381538	45.507 ng		95
87) Benzo(b)fluoranthene	14.52	252	364947	35.282 ng	#	96
88) Benzo(k)fluoranthene	14.54	252	261541	26.535 ng		97
89) Benzo(a)pyrene	14.82	252	317329	33.520 ng	#	96
90) Dibenzo(a,h)anthracene	16.05	278	303058	39.038 ng	#	95
91) Benzo(g,h,i)perylene	16.40	276	336076	41.282 ng		99

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

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