Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100978.D
Acq On : 29 Nov 2017 15:22
Operator : SJ/JU
Sample : I6616-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Manual Integrations APPROVED
Sohil
11/30/2017 4:29:44 PM

Quant Time: Nov 30 00:36:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68702	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	274511	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	123044	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	189519	20.00	ng		0.00
75) Chrysene-d12	14.02	240	129820	20.00	ng		0.00
86) Perylene-d12	15.49	264	124460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	451377	105.32	ng		0.00
7) Phenol-d6	6.49	99	555812	105.17	ng		0.00
23) Nitrobenzene-d5	7.42	82	348656	83.97	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	134536	107.30	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	694203	85.91	ng		0.00
78) Terphenyl-d14	12.96	244	446417	79.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	50713	24.280	ng	#	93
3) Pyridine	3.45	79	147671	25.915	ng		93
4) n-Nitrosodimethylamine	3.39	42	80682	29.163	ng	#	91
6) Aniline	6.52	93	144840	19.399	ng		98
8) 2-Chlorophenol	6.65	128	169965	37.486	ng		95
9) Benzaldehyde	6.40	77	77074	20.421	ng		98
10) Phenol	6.50	94	210939	38.020	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	153962	33.038	ng		98
12) 1,3-Dichlorobenzene	6.79	146	189045	36.164	ng		98
13) 1,4-Dichlorobenzene	6.87	146	191383	36.173	ng		98
14) 1,2-Dichlorobenzene	7.03	146	183626	37.538	ng		95
15) Benzyl Alcohol	7.00	79	145986	35.393	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	254148	34.098	ng		99
17) 2-Methylphenol	7.11	107	137462	35.478	ng		98
18) Hexachloroethane	7.36	117	60217	34.519	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	116780	31.862	ng		94
20) 3+4-Methylphenols	7.26	107	171353	34.948	ng	#	72
22) Acetophenone	7.26	105	224499	33.538	ng	#	86
24) Nitrobenzene	7.44	77	169605	39.687	ng		98
25) Isophorone	7.67	82	312152	35.775	ng		99
26) 2-Nitrophenol	7.75	139	92263	46.265	ng		97
27) 2,4-Dimethylphenol	7.79	122	147434	37.693	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	201210	35.254	ng		99
29) 2,4-Dichlorophenol	8.00	162	152505	40.842	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	156666	38.788	ng		97
31) Naphthalene	8.16	128	489032	36.986	ng		99
32) Benzoic acid	7.86	122	10765	12.263	ng		95
33) 4-Chloroaniline	8.21	127	82928	15.068	ng		96
34) Hexachlorobutadiene	8.27	225	91877	38.258	ng		99
35) Caprolactam	8.58	113	45114m	35.206	ng		
36) 4-Chloro-3-methylphenol	8.69	107	148644	37.065	ng		99
37) 2-Methylnaphthalene	8.85	142	335215	38.188	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	153037	37.502	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	42408	22.081	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	104398	40.365	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	108104	40.343	ng	#	89
45) 1,1'-Biphenyl	9.32	154	387573	36.419	ng		96
46) 2-Chloronaphthalene	9.34	162	306850	39.745	ng		96
47) 2-Nitroaniline	9.44	65	89894	39.904	ng		98
48) Acenaphthylene	9.76	152	457029	35.721	ng		99
49) Dimethylphthalate	9.62	163	404194	43.024	ng		99
50) 2,6-Dinitrotoluene	9.68	165	77607	41.733	ng		90
51) Acenaphthene	9.93	154	264480	33.989	ng		99
52) 3-Nitroaniline	9.85	138	64388	29.322	ng		85
53) 2,4-Dinitrophenol	9.96	184	19562m	35.522	ng		
54) Dibenzofuran	10.10	168	396325	36.340	ng		99
55) 4-Nitrophenol	10.02	139	102154	57.292	ng		89
56) 2,4-Dinitrotoluene	10.09	165	97136	41.406	ng	#	88
57) Fluorene	10.44	166	305131	38.192	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	83103	37.840	ng	#	86
59) Diethylphthalate	10.31	149	350413	37.273	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	154804	39.498	ng		90
61) 4-Nitroaniline	10.46	138	66914	32.136	ng		90
62) Azobenzene	10.59	77	288600	32.593	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	19434	25.253	ng		84
65) n-Nitrosodiphenylamine	10.55	169	285537	43.330	ng		97
66) 4-Bromophenyl-phenylether	10.92	248	91388	44.983	ng	#	85
67) Hexachlorobenzene	10.99	284	87316	41.093	ng	#	83
68) Atrazine	11.07	200	85580	42.903	ng		99
69) Pentachlorophenol	11.19	266	84952	55.757	ng		100
70) Phenanthrene	11.40	178	395047	39.590	ng		98
71) Anthracene	11.46	178	390523	38.575	ng		98
72) Carbazole	11.61	167	319898	34.246	ng		99
73) Di-n-butylphthalate	11.93	149	467442	42.761	ng		99
74) Fluoranthene	12.59	202	365370	34.550	ng		96
76) Benzidine	12.71	184	47725	9.180	ng		97
77) Pyrene	12.82	202	363657	39.297	ng		99
79) Butylbenzylphthalate	13.43	149	145767	38.624	ng		90
80) Benzo(a)anthracene	14.01	228	313298	40.075	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	83951	29.972	ng	#	96
82) Chrysene	14.04	228	299632	39.579	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	211028	42.515	ng		98
84) Di-n-octyl phthalate	14.60	149	336404	39.451	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	237375	38.766	ng		93
87) Benzo(b)fluoranthene	15.06	252	297020	40.282	ng		97
88) Benzo(k)fluoranthene	15.09	252	263137	37.769	ng	#	96
89) Benzo(a)pyrene	15.43	252	255119	39.027	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	196976	36.846	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	190808	36.462	ng		94

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

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