Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102689.D
Acq On : 1 Feb 2018 16:38
Operator : SJ/JU
Sample : J1405-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Manual Integrations APPROVED
Sohil
2/2/2018 9:52:44 AM

Quant Time: Feb 02 00:51:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	205452	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	871713	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	378551	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	517185	20.00	ng		0.00
75) Chrysene-d12	13.87	240	359294	20.00	ng		0.00
86) Perylene-d12	15.30	264	303829	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1821115	134.40	ng		0.03
7) Phenol-d6	6.38	99	1986694	121.62	ng		0.02
23) Nitrobenzene-d5	7.27	82	1298722	85.62	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	355786	94.85	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1795926	69.76	ng		0.00
78) Terphenyl-d14	12.81	244	1412328	88.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	207672	32.257	ng		95
3) Pyridine	3.15	79	571827	33.988	ng		99
4) n-Nitrosodimethylamine	3.10	42	299756	45.446	ng		98
6) Aniline	6.38	93	542818	25.122	ng	#	62
8) 2-Chlorophenol	6.50	128	579293	40.784	ng		98
9) Benzaldehyde	6.26	77	243337	23.531	ng		98
10) Phenol	6.39	94	831717	46.636	ng		75
11) bis(2-Chloroethyl)ether	6.45	93	572174	42.183	ng		94
12) 1,3-Dichlorobenzene	6.64	146	605318	35.833	ng		98
13) 1,4-Dichlorobenzene	6.72	146	625652	36.973	ng		97
14) 1,2-Dichlorobenzene	6.87	146	532179	34.382	ng		99
15) Benzyl Alcohol	6.86	79	477475	41.426	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	974286	42.827	ng		98
17) 2-Methylphenol	6.99	107	493074	39.971	ng	#	94
18) Hexachloroethane	7.20	117	223644	37.927	ng		90
19) n-Nitroso-di-n-propylamine	7.12	70	443333	44.347	ng		93
20) 3+4-Methylphenols	7.15	107	681637	46.982	ng		97
22) Acetophenone	7.12	105	850138	40.911	ng	#	98
24) Nitrobenzene	7.29	77	648108	41.750	ng		96
25) Isophorone	7.53	82	1201617	44.434	ng		98
26) 2-Nitrophenol	7.61	139	331799	40.611	ng		99
27) 2,4-Dimethylphenol	7.66	122	545285	45.963	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	757384	45.338	ng		98
29) 2,4-Dichlorophenol	7.86	162	494727	40.939	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	436583	33.702	ng		98
31) Naphthalene	8.00	128	1618103	37.178	ng		99
32) Benzoic acid	7.79	122	45445	4.572	ng		99
33) 4-Chloroaniline	8.07	127	398004	21.746	ng		99
34) Hexachlorobutadiene	8.11	225	219095	31.667	ng		99
35) Caprolactam	8.46	113	162647m	40.753	ng		
36) 4-Chloro-3-methylphenol	8.58	107	550282	43.200	ng		98
37) 2-Methylnaphthalene	8.70	142	1054867	36.393	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	398769	35.013	ng		99
40) Hexachlorocyclopentadiene	8.84	237	207070	40.627	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	285696	37.472	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	270436	31.504	ng		96
45) 1,1'-Biphenyl	9.16	154	1205894	35.626	ng		99
46) 2-Chloronaphthalene	9.19	162	937232	35.622	ng		99
47) 2-Nitroaniline	9.30	65	371565	45.299	ng		91
48) Acenaphthylene	9.60	152	1399351	34.139	ng		99
49) Dimethylphthalate	9.47	163	1267124	40.497	ng		100
50) 2,6-Dinitrotoluene	9.55	165	253744	37.614	ng		96
51) Acenaphthene	9.77	154	830208	34.680	ng		98
52) 3-Nitroaniline	9.72	138	223656	28.025	ng		98
53) 2,4-Dinitrophenol	9.84	184	76872	27.919	ng	#	20
54) Dibenzofuran	9.95	168	1163776	35.921	ng		91
55) 4-Nitrophenol	9.95	139	817319	155.150	ng	#	22
56) 2,4-Dinitrotoluene	9.95	165	312495	37.669	ng	#	86
57) Fluorene	10.29	166	947893	36.922	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	234158	38.204	ng		99
59) Diethylphthalate	10.16	149	1113020	36.605	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	403654	36.265	ng		95
61) 4-Nitroaniline	10.35	138	297566	37.367	ng		97
62) Azobenzene	10.44	77	1136402	40.821	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	126472	36.654	ng		87
65) n-Nitrosodiphenylamine	10.40	169	888033	46.781	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	200246	35.967	ng		99
67) Hexachlorobenzene	10.83	284	206142	33.107	ng		94
68) Atrazine	10.94	200	207779	37.061	ng		99
69) Pentachlorophenol	11.04	266	165511	50.601	ng		99
70) Phenanthrene	11.25	178	1102722	36.590	ng		99
71) Anthracene	11.30	178	1127669	36.659	ng		99
72) Carbazole	11.47	167	1112842	37.082	ng		100
73) Di-n-butylphthalate	11.78	149	1336668	35.633	ng		99
74) Fluoranthene	12.44	202	1131353	36.812	ng		99
76) Benzidine	12.57	184	346155	28.679	ng		97
77) Pyrene	12.67	202	1118905	40.278	ng		99
79) Butylbenzylphthalate	13.28	149	545161	39.434	ng		99
80) Benzo(a)anthracene	13.86	228	879976	39.781	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	180628	22.260	ng		97
82) Chrysene	13.90	228	805519	35.859	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	734475	39.533	ng	#	100
84) Di-n-octyl phthalate	14.44	149	1169555	38.710	ng		99
85) Indeno(1,2,3-cd)pyrene	16.71	276	676908	36.488	ng		97
87) Benzo(b)fluoranthene	14.89	252	727158	36.925	ng		97
88) Benzo(k)fluoranthene	14.92	252	647290	34.791	ng		99
89) Benzo(a)pyrene	15.24	252	646210	36.384	ng	#	96
90) Dibenzo(a,h)anthracene	16.72	278	551882	38.360	ng		99
91) Benzo(g,h,i)perylene	17.13	276	596935	42.021	ng		96

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