Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100890.D
Acq On : 27 Nov 2017 14:25
Operator : SJ/JU
Sample : I6570-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-01MSD

Manual Integrations APPROVED
Sohil
11/28/2017 2:45:31 PM

Quant Time: Nov 28 06:23:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	82306	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	336278	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	161654	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	303134	20.00	ng		0.00
75) Chrysene-d12	14.02	240	170721	20.00	ng		0.00
86) Perylene-d12	15.49	264	169127	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	404548	78.79	ng		0.00
7) Phenol-d6	6.49	99	497360	78.55	ng		0.00
23) Nitrobenzene-d5	7.42	82	314072	61.75	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	149494	90.75	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	661702	62.33	ng		0.00
78) Terphenyl-d14	12.97	244	591652	79.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	51818	20.709	ng		95
3) Pyridine	3.44	79	148892	21.810	ng		97
4) n-Nitrosodimethylamine	3.39	42	76900	23.201	ng		99
6) Aniline	6.52	93	130801	14.623	ng		98
8) 2-Chlorophenol	6.65	128	168930	31.100	ng		97
9) Benzaldehyde	6.41	77	43441	9.607	ng		90
10) Phenol	6.50	94	218057	32.806	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	152218	27.265	ng		97
12) 1,3-Dichlorobenzene	6.80	146	185730	29.658	ng		97
13) 1,4-Dichlorobenzene	6.87	146	190890	30.116	ng		98
14) 1,2-Dichlorobenzene	7.03	146	180773	30.846	ng		99
15) Benzyl Alcohol	7.00	79	145790	29.503	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	261770	29.315	ng		99
17) 2-Methylphenol	7.11	107	144336	31.095	ng		99
18) Hexachloroethane	7.37	117	62630	29.968	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	117834	26.836	ng		94
20) 3+4-Methylphenols	7.26	107	177080	30.147	ng	#	79
22) Acetophenone	7.27	105	229437	27.980	ng	#	92
24) Nitrobenzene	7.45	77	171664	32.791	ng		93
25) Isophorone	7.68	82	318150	29.765	ng		99
26) 2-Nitrophenol	7.76	139	93719	39.282	ng		96
27) 2,4-Dimethylphenol	7.79	122	149709	31.245	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	205637	29.412	ng		98
29) 2,4-Dichlorophenol	8.00	162	154692	33.819	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	157048	31.740	ng		94
31) Naphthalene	8.16	128	491307	30.333	ng		99
32) Benzoic acid	7.87	122	20268	13.816	ng		95
33) 4-Chloroaniline	8.21	127	76964	11.416	ng		96
34) Hexachlorobutadiene	8.27	225	89763	30.512	ng		99
35) Caprolactam	8.58	113	42890m	27.322	ng		
36) 4-Chloro-3-methylphenol	8.70	107	156030	31.761	ng		91
37) 2-Methylnaphthalene	8.85	142	342369	31.839	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	161736	30.168	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	109037	43.213	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	114101	33.580	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	119872	34.050	ng	#	93
45) 1,1'-Biphenyl	9.32	154	416785	29.810	ng		97
46) 2-Chloronaphthalene	9.35	162	323764	31.920	ng		95
47) 2-Nitroaniline	9.44	65	95463	32.788	ng		99
48) Acenaphthylene	9.76	152	494525	29.420	ng		99
49) Dimethylphthalate	9.62	163	452470	36.660	ng		98
50) 2,6-Dinitrotoluene	9.69	165	87175	35.682	ng	#	80
51) Acenaphthene	9.93	154	290051	28.372	ng		98
52) 3-Nitroaniline	9.85	138	60560	20.992	ng		94
53) 2,4-Dinitrophenol	9.96	184	13631m	23.689	ng		
54) Dibenzofuran	10.10	168	438061	30.573	ng		98
55) 4-Nitrophenol	10.02	139	120405	51.399	ng		92
56) 2,4-Dinitrotoluene	10.09	165	114338	37.097	ng		90
57) Fluorene	10.45	166	340666	32.455	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	95204	32.996	ng	#	86
59) Diethylphthalate	10.32	149	374224	30.298	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	168858	32.793	ng		93
61) 4-Nitroaniline	10.47	138	84121	30.751	ng		87
62) Azobenzene	10.60	77	318593	27.387	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	33875	26.751	ng	#	71
65) n-Nitrosodiphenylamine	10.56	169	324114	30.750	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	105557	32.484	ng	#	85
67) Hexachlorobenzene	10.99	284	109634	32.258	ng	#	90
68) Atrazine	11.08	200	107647	33.739	ng		97
69) Pentachlorophenol	11.19	266	104725	42.973	ng		98
70) Phenanthrene	11.41	178	489566	30.674	ng		98
71) Anthracene	11.46	178	506356	31.271	ng		98
72) Carbazole	11.62	167	435541	29.151	ng		99
73) Di-n-butylphthalate	11.94	149	576166	32.953	ng		98
74) Fluoranthene	12.60	202	464179	27.442	ng		95
76) Benzidine	12.72	184	118740	17.367	ng		97
77) Pyrene	12.83	202	452827	37.210	ng		100
79) Butylbenzylphthalate	13.44	149	197718	39.839	ng	#	88
80) Benzo(a)anthracene	14.01	228	322311	31.351	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	81830	22.216	ng	#	96
82) Chrysene	14.05	228	298669	30.000	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	268622	41.152	ng		99
84) Di-n-octyl phthalate	14.60	149	376814	33.603	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	322858	40.094	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	283890	28.333	ng		97
88) Benzo(k)fluoranthene	15.09	252	276879	29.246	ng	#	96
89) Benzo(a)pyrene	15.43	252	276903	31.172	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	269579	37.109	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	263847	37.103	ng	#	91

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

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