Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012918\
Data File : BF102592.D
Acq On : 29 Jan 2018 12:47
Operator : SJ/JU
Sample : J1257-01MSD 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-11(0-5)MSD

Manual Integrations APPROVED
Sohil
1/30/2018 3:36:25 PM

Quant Time: Jan 30 00:49:26 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	163545	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	661380	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	246492	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	332951	20.00	ng		0.00
75) Chrysene-d12	13.89	240	233815	20.00	ng		0.00
86) Perylene-d12	15.33	264	257516	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	295653	27.41	ng		0.00
7) Phenol-d6	6.36	99	353269	27.17	ng		0.00
23) Nitrobenzene-d5	7.28	82	207696	18.05	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	44990	18.42	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	367252	21.91	ng		0.00
78) Terphenyl-d14	12.82	244	197236	19.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	41537	8.105	ng		96
3) Pyridine	3.08	79	97368	7.270	ng		97
4) n-Nitrosodimethylamine	3.02	42	43518	8.288	ng	#	85
6) Aniline	6.37	93	65888	3.831	ng	#	1
8) 2-Chlorophenol	6.50	128	119872	10.602	ng		97
9) Benzaldehyde	6.26	77	56980	6.240	ng	#	85
10) Phenol	6.37	94	154643	10.893	ng		90
11) bis(2-Chloroethyl)ether	6.45	93	111217	10.300	ng		98
12) 1,3-Dichlorobenzene	6.65	146	121270	9.018	ng		96
13) 1,4-Dichlorobenzene	6.73	146	124650	9.254	ng		99
14) 1,2-Dichlorobenzene	6.88	146	118228	9.596	ng		99
15) Benzyl Alcohol	6.86	79	95906	10.453	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	186799	10.315	ng		81
17) 2-Methylphenol	6.98	107	93924	9.565	ng	#	92
18) Hexachloroethane	7.22	117	41183	8.774	ng	#	89
19) n-Nitroso-di-n-propylamine	7.12	70	86658	10.890	ng		98
20) 3+4-Methylphenols	7.14	107	128686	11.143	ng		97
22) Acetophenone	7.12	105	172220	10.923	ng	#	98
24) Nitrobenzene	7.30	77	117283	9.958	ng		99
25) Isophorone	7.53	82	212239	10.344	ng		99
26) 2-Nitrophenol	7.62	139	37726	6.086	ng		98
27) 2,4-Dimethylphenol	7.66	122	97497	10.832	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	139849	11.034	ng		92
29) 2,4-Dichlorophenol	7.87	162	88123	9.611	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	87885	8.942	ng		95
31) Naphthalene	8.02	128	367467	11.128	ng		99
33) 4-Chloroaniline	8.08	127	70203	5.056	ng		97
34) Hexachlorobutadiene	8.13	225	46087	8.780	ng		98
35) Caprolactam	8.42	113	27793	9.178	ng	#	87
36) 4-Chloro-3-methylphenol	8.57	107	89757	9.287	ng		95
37) 2-Methylnaphthalene	8.71	142	239843	10.906	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	79744	10.753	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	50693	10.211	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	54376	9.728	ng	#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	245972	11.160	ng		100
46) 2-Chloronaphthalene	9.20	162	182512	10.653	ng		96
47) 2-Nitroaniline	9.30	65	61374	11.491	ng		96
48) Acenaphthylene	9.61	152	272878	10.224	ng		99
49) Dimethylphthalate	9.47	163	276870	13.589	ng		100
50) 2,6-Dinitrotoluene	9.54	165	40102	9.129	ng		94
51) Acenaphthene	9.78	154	179895	11.541	ng		98
52) 3-Nitroaniline	9.72	138	42774	8.231	ng		92
53) 2,4-Dinitrophenol	10.07	184	118	3.753	ng	#	20
54) Dibenzofuran	9.96	168	254305	12.055	ng		99
55) 4-Nitrophenol	9.91	139	28923	8.432	ng		93
56) 2,4-Dinitrotoluene	9.95	165	39607	7.332	ng	#	78
57) Fluorene	10.30	166	221696	13.262	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	30304	7.593	ng	#	94
59) Diethylphthalate	10.17	149	186666	9.428	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	73347	10.120	ng		92
61) 4-Nitroaniline	10.33	138	36674	7.073	ng		89
62) Azobenzene	10.45	77	160634	8.862	ng		89
65) n-Nitrosodiphenylamine	10.41	169	144736	11.844	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	39458	11.009	ng		91
67) Hexachlorobenzene	10.85	284	36442	9.091	ng		96
68) Atrazine	10.94	200	41023	11.366	ng		94
69) Pentachlorophenol	11.06	266	15599	7.408	ng		96
70) Phenanthrene	11.26	178	684168	35.263	ng		99
71) Anthracene	11.32	178	374986	18.936	ng		99
72) Carbazole	11.47	167	207991	10.766	ng		98
73) Di-n-butylphthalate	11.80	149	242864	10.057	ng		99
74) Fluoranthene	12.46	202	822202	41.557	ng		99
77) Pyrene	12.69	202	738853	40.871	ng		100
79) Butylbenzylphthalate	13.30	149	71267	7.922	ng		98
80) Benzo(a)anthracene	13.88	228	472254	32.806	ng		97
81) 3,3'-Dichlorobenzidine	13.84	252	25449	4.819	ng	#	91
82) Chrysene	13.92	228	438492	29.996	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	144408	11.944	ng		98
84) Di-n-octyl phthalate	14.47	149	191027	9.716	ng	#	73
85) Indeno(1,2,3-cd)pyrene	16.74	276	289596	23.988	ng		99
87) Benzo(b)fluoranthene	14.92	252	599788	35.935	ng	#	91
88) Benzo(k)fluoranthene	14.94	252	240362m	15.242	ng		
89) Benzo(a)pyrene	15.27	252	436567	29.001	ng	#	93
90) Dibenzo(a,h)anthracene	16.74	278	145953	11.969	ng	#	91
91) Benzo(g,h,i)perylene	17.17	276	246911	20.507	ng		97

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