Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032989.D
Acq On : 5 Mar 2018 14:42
Operator : SJ/JU
Sample : J1699-64MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B21MSD

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:24 PM

Quant Time: Mar 05 15:27:32 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	65489	20.00	ng		-0.01
21) Naphthalene-d8	11.80	136	296950	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	175930	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	396383	20.00	ng		0.00
75) Chrysene-d12	22.62	240	351622	20.00	ng		0.00
86) Perylene-d12	26.42	264	377380	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	549718	134.29	ng		0.00
7) Phenol-d6	8.01	99	707916	124.07	ng		0.00
23) Nitrobenzene-d5	10.11	82	486999	110.45	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	288495	155.96	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	1036717	84.99	ng		-0.01
78) Terphenyl-d14	20.78	244	1499248	95.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	61051	34.365	ng	#	91
3) Pyridine	4.43	79	149223	30.475	ng		93
4) n-Nitrosodimethylamine	4.33	42	103035	52.485	ng	#	85
6) Aniline	8.21	93	132724	17.185	ng		95
8) 2-Chlorophenol	8.46	128	211843	47.281	ng		95
9) Benzaldehyde	8.01	77	61936	18.835	ng		96
10) Phenol	8.04	94	244682	42.541	ng		94
11) bis(2-Chloroethyl)ether	8.29	93	197197	41.929	ng		97
12) 1,3-Dichlorobenzene	8.80	146	209270	39.877	ng		96
13) 1,4-Dichlorobenzene	8.95	146	212847	40.294	ng		97
14) 1,2-Dichlorobenzene	9.29	146	203852	40.271	ng		98
15) Benzyl Alcohol	9.15	79	196903	46.942	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.43	45	378940	46.869	ng		99
17) 2-Methylphenol	9.34	107	186423	43.955	ng		97
18) Hexachloroethane	10.04	117	78562	43.681	ng	#	81
19) n-Nitroso-di-n-propylamine	9.73	70	174729	43.378	ng	#	92
20) 3+4-Methylphenols	9.67	107	259234	43.959	ng		94
22) Acetophenone	9.76	105	317397	42.323	ng	#	98
24) Nitrobenzene	10.16	77	241550	50.607	ng		90
25) Isophorone	10.68	82	477683	45.831	ng	#	94
26) 2-Nitrophenol	10.88	139	117051	62.956	ng		93
27) 2,4-Dimethylphenol	10.91	122	232491	51.348	ng		90
28) bis(2-Chloroethoxy)methane	11.15	93	284273	46.818	ng		97
29) 2,4-Dichlorophenol	11.42	162	207507	50.496	ng		95
30) 1,2,4-Trichlorobenzene	11.65	180	197875	41.078	ng		98
31) Naphthalene	11.85	128	723616	46.635	ng		99
32) Benzoic acid	11.03	122	128885	46.404	ng	#	82
33) 4-Chloroaniline	11.94	127	89994	12.971	ng		96
34) Hexachlorobutadiene	12.11	225	106298	39.341	ng		95
35) Caprolactam	12.68	113	67654	41.116	ng		98
36) 4-Chloro-3-methylphenol	13.00	107	254304	53.178	ng		91
37) 2-Methylnaphthalene	13.40	142	505180	45.001	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	209941	40.199	ng	#	96
40) Hexachlorocyclopentadiene	13.73	237	252682	94.936	ng		90

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	163454	49.629 ng		98
43) 2,4,5-Trichlorophenol	14.04	196	182401	47.851 ng	#	96
45) 1,1'-Biphenyl	14.37	154	634253	41.256 ng		95
46) 2-Chloronaphthalene	14.43	162	478009	41.624 ng		98
47) 2-Nitroaniline	14.61	65	181864	59.763 ng		93
48) Acenaphthylene	15.26	152	798711	42.481 ng		97
49) Dimethylphthalate	14.96	163	649047	43.449 ng		99
50) 2,6-Dinitrotoluene	15.08	165	147301	57.430 ng		90
51) Acenaphthene	15.60	154	549866	46.959 ng		98
52) 3-Nitroaniline	15.41	138	85789	31.182 ng	#	85
53) 2,4-Dinitrophenol	15.61	184	117172	124.081 ng		93
54) Dibenzofuran	15.92	168	746824	44.793 ng		93
55) 4-Nitrophenol	15.68	139	221708	89.692 ng		83
56) 2,4-Dinitrotoluene	15.86	165	205649	64.753 ng		87
57) Fluorene	16.56	166	607121	44.118 ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	158054m	53.405 ng		
59) Diethylphthalate	16.29	149	698825	44.354 ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	302600	44.950 ng		91
61) 4-Nitroaniline	16.56	138	148618	46.182 ng		86
62) Azobenzene	16.83	77	639424	45.364 ng		95
64) 4,6-Dinitro-2-methylphenol	16.62	198	89741	67.057 ng		97
65) n-Nitrosodiphenylamine	16.75	169	563426	43.694 ng		97
66) 4-Bromophenyl-phenylether	17.43	248	181461	43.294 ng	#	86
67) Hexachlorobenzene	17.56	284	186975	41.280 ng	#	89
68) Atrazine	17.67	200	193569	45.604 ng		96
69) Pentachlorophenol	17.89	266	250399	87.768 ng		99
70) Phenanthrene	18.30	178	967802	43.764 ng		97
71) Anthracene	18.39	178	983222	44.286 ng		98
72) Carbazole	18.64	167	913590	41.748 ng		97
73) Di-n-butylphthalate	19.14	149	1157949	43.132 ng		98
74) Fluoranthene	20.25	202	1063024	43.517 ng		94
76) Benzidine	20.41	184	141906	11.840 ng		97
77) Pyrene	20.61	202	1063996	42.909 ng		96
79) Butylbenzylphthalate	21.47	149	543164	49.406 ng		92
80) Benzo(a)anthracene	22.59	228	1022160	45.333 ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	212671	25.467 ng	#	98
82) Chrysene	22.67	228	951999	44.199 ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	770118	47.323 ng	#	96
84) Di-n-octyl phthalate	23.84	149	1313871	52.968 ng		99
85) Indeno(1,2,3-cd)pyrene	30.84	276	1101734	43.860 ng	#	91
87) Benzo(b)fluoranthene	25.19	252	1023231	45.857 ng	#	97
88) Benzo(k)fluoranthene	25.28	252	1003548	45.254 ng	#	97
89) Benzo(a)pyrene	26.24	252	987753	46.542 ng	#	96
90) Dibenzo(a,h)anthracene	30.92	278	878926	41.144 ng	#	93
91) Benzo(g,h,i)perylene	32.24	276	919293	43.654 ng	#	91

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

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