Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033678.D
Acq On : 9 Apr 2018 13:30
Operator : SJ/JU
Sample : J2236-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101MSD

Quant Time: Apr 10 05:54:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	51033	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	209989	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	140110	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	342731	20.00	ng		0.00
75) Chrysene-d12	22.55	240	336117	20.00	ng		0.00
86) Perylene-d12	26.32	264	352152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	174824	64.24	ng		0.00
7) Phenol-d6	7.97	99	161236	34.48	ng		0.00
23) Nitrobenzene-d5	10.06	82	414067	90.59	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	244474	116.67	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	879369	90.61	ng		0.00
78) Terphenyl-d14	20.72	244	1275774	81.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	24033	17.388	ng		92
3) Pyridine	4.40	79	44721	11.705	ng		95
4) n-Nitrosodimethylamine	4.30	42	26915	17.166	ng	#	76
6) Aniline	8.16	93	58015	10.550	ng	#	93
8) 2-Chlorophenol	8.40	128	122848	39.484	ng		96
9) Benzaldehyde	7.96	77	35092	11.808	ng		91
10) Phenol	8.00	94	68719	14.884	ng		97
11) bis(2-Chloroethyl)ether	8.24	93	161442	42.840	ng		97
12) 1,3-Dichlorobenzene	8.74	146	158134	38.875	ng	#	95
13) 1,4-Dichlorobenzene	8.89	146	152494	37.433	ng		95
14) 1,2-Dichlorobenzene	9.23	146	158100	39.763	ng		93
15) Benzyl Alcohol	9.10	79	96100	26.102	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.38	45	303540	49.409	ng		91
17) 2-Methylphenol	9.30	107	92594	29.440	ng	#	92
18) Hexachloroethane	9.98	117	62092	39.491	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	156153	45.571	ng		99
20) 3+4-Methylphenols	9.63	107	114409	25.548	ng		93
22) Acetophenone	9.70	105	259190	45.053	ng	#	98
24) Nitrobenzene	10.10	77	225837	46.163	ng		93
25) Isophorone	10.62	82	433261	48.842	ng		97
26) 2-Nitrophenol	10.83	139	84731	45.748	ng	#	87
27) 2,4-Dimethylphenol	10.86	122	132255	49.154	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	221527	50.051	ng		95
29) 2,4-Dichlorophenol	11.37	162	151191	45.692	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	170943	39.763	ng		98
31) Naphthalene	11.79	128	497011	45.674	ng		97
32) Benzoic acid	10.96	122	20929	8.368	ng	#	79
33) 4-Chloroaniline	11.89	127	53375	10.948	ng	#	87
34) Hexachlorobutadiene	12.05	225	117679	36.197	ng		96
35) Caprolactam	12.63	113	7857	6.061	ng	#	82
36) 4-Chloro-3-methylphenol	12.96	107	172050	39.866	ng		94
37) 2-Methylnaphthalene	13.34	142	363350	43.020	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	227397	44.806	ng		98
40) Hexachlorocyclopentadiene	13.67	237	249270	83.783	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	140023	47.487	ng		97
43) 2,4,5-Trichlorophenol	14.00	196	157267	45.122	ng		97
45) 1,1'-Biphenyl	14.32	154	502157	46.650	ng		95
46) 2-Chloronaphthalene	14.37	162	379994	45.783	ng		95
47) 2-Nitroaniline	14.57	65	158495	50.984	ng		90
48) Acenaphthylene	15.21	152	627157	45.269	ng		98
49) Dimethylphthalate	14.90	163	583453	47.850	ng		100
50) 2,6-Dinitrotoluene	15.04	165	121100	48.572	ng		92
51) Acenaphthene	15.54	154	473047	52.968	ng		95
52) 3-Nitroaniline	15.38	138	38389	14.687	ng	#	97
53) 2,4-Dinitrophenol	15.57	184	131540	99.790	ng	#	74
54) Dibenzofuran	15.87	168	618721	46.901	ng		92
55) 4-Nitrophenol	15.67	139	62122	33.799	ng		90
56) 2,4-Dinitrotoluene	15.81	165	172795	47.070	ng		98
57) Fluorene	16.51	166	513022	45.648	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.08	232	148213	45.171	ng		98
59) Diethylphthalate	16.24	149	559233	47.232	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	283371	43.862	ng		98
61) 4-Nitroaniline	16.53	138	94560	35.724	ng		89
62) Azobenzene	16.78	77	557665	48.622	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	93468	45.587	ng		95
65) n-Nitrosodiphenylamine	16.70	169	464339	47.457	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	188036	46.716	ng		95
67) Hexachlorobenzene	17.51	284	187411	44.118	ng		98
68) Atrazine	17.62	200	179367	45.239	ng		97
69) Pentachlorophenol	17.84	266	222951	76.469	ng		99
70) Phenanthrene	18.25	178	828808	46.433	ng		98
71) Anthracene	18.34	178	856316	47.381	ng		99
72) Carbazole	18.60	167	758870	47.384	ng		97
73) Di-n-butylphthalate	19.09	149	907687	48.693	ng	#	98
74) Fluoranthene	20.20	202	1012251	45.827	ng		98
77) Pyrene	20.56	202	1012377	45.161	ng		98
79) Butylbenzylphthalate	21.41	149	402749	48.686	ng		96
80) Benzo(a)anthracene	22.53	228	984958	46.021	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	91444	12.007	ng	#	99
82) Chrysene	22.60	228	952316	45.966	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	569718	49.960	ng		98
84) Di-n-octyl phthalate	23.74	149	986544	56.503	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1127093	50.317	ng		96
87) Benzo(b)fluoranthene	25.11	252	1000100	49.156	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	968041	47.045	ng	#	98
89) Benzo(a)pyrene	26.14	252	964888	49.384	ng		98
90) Dibenzo(a,h)anthracene	30.76	278	943465	51.263	ng		97
91) Benzo(g,h,i)perylene	32.07	276	931365	51.104	ng		96

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

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