Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031265.D
Acq On : 28 Nov 2017 23:36
Operator : SJ/JU
Sample : I6592-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-109-5-(44-46)MSD

Manual Integrations APPROVED
Sohil
11/29/2017 4:30:11 PM

Quant Time: Nov 29 07:40:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	51763	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	229354	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	161445	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	442676	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	506499	20.00	ng		-0.02
86) Perylene-d12	25.07	264	508827	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	355600	117.80	ng		-0.02
7) Phenol-d6	7.30	99	459614	113.02	ng		-0.01
23) Nitrobenzene-d5	9.30	82	264133	68.24	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	241155	92.34	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	772176	68.73	ng		-0.02
78) Terphenyl-d14	20.09	244	1513116	65.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	40121	32.752	ng	#	82
3) Pyridine	3.95	79	108138	30.407	ng		88
4) n-Nitrosodimethylamine	3.86	42	53330	31.641	ng	#	87
6) Aniline	7.45	93	145055	27.103	ng		92
8) 2-Chlorophenol	7.70	128	129985	39.020	ng		91
9) Benzaldehyde	7.27	77	66010	23.195	ng		92
10) Phenol	7.32	94	179450	42.490	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	121611	36.063	ng		89
12) 1,3-Dichlorobenzene	8.02	146	139177	35.609	ng		96
13) 1,4-Dichlorobenzene	8.17	146	140987	35.597	ng		97
14) 1,2-Dichlorobenzene	8.49	146	136102	35.803	ng		99
15) Benzyl Alcohol	8.37	79	109933	33.700	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	172744	46.377	ng		92
17) 2-Methylphenol	8.58	107	114031	38.773	ng		97
18) Hexachloroethane	9.21	117	48715	35.340	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	96266	31.132	ng	#	93
20) 3+4-Methylphenols	8.91	107	158101	37.805	ng		95
22) Acetophenone	8.95	105	183907	32.204	ng	#	88
24) Nitrobenzene	9.34	77	140921	35.642	ng	#	88
25) Isophorone	9.86	82	275020	36.433	ng	#	92
26) 2-Nitrophenol	10.06	139	78152	37.922	ng	#	84
27) 2,4-Dimethylphenol	10.11	122	128012	41.840	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	171531	36.079	ng	#	95
29) 2,4-Dichlorophenol	10.60	162	149856	40.788	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	158255	36.079	ng		98
31) Naphthalene	11.00	128	405772	35.989	ng		99
32) Benzoic acid	10.23	122	20840	12.875	ng	#	78
33) 4-Chloroaniline	11.11	127	125491	25.425	ng		95
34) Hexachlorobutadiene	11.27	225	102786	33.789	ng		98
35) Caprolactam	11.87	113	59013m	39.320	ng		
36) 4-Chloro-3-methylphenol	12.23	107	153864	38.479	ng		88
37) 2-Methylnaphthalene	12.59	142	323594	37.178	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	195112	30.450	ng		95
40) Hexachlorocyclopentadiene	12.93	237	142441	62.756	ng		94

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Quant Time: Nov 29 07:40:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	135695	37.044	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	143316	35.759	ng	#	92
45) 1,1'-Biphenyl	13.59	154	422775	31.580	ng		97
46) 2-Chloronaphthalene	13.64	162	349496	36.183	ng		97
47) 2-Nitroaniline	13.84	65	101366	35.406	ng	#	80
48) Acenaphthylene	14.48	152	545247	34.489	ng		98
49) Dimethylphthalate	14.20	163	528435	37.856	ng		99
50) 2,6-Dinitrotoluene	14.32	165	111218	38.655	ng	#	79
51) Acenaphthene	14.82	154	338280	34.261	ng		99
52) 3-Nitroaniline	14.66	138	83997	27.495	ng	#	82
53) 2,4-Dinitrophenol	14.88	184	88802	57.854	ng	#	46
54) Dibenzofuran	15.15	168	572431	36.399	ng		100
55) 4-Nitrophenol	14.99	139	174491	80.180	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	167148	40.185	ng	#	68
57) Fluorene	15.80	166	458688	35.925	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	153335	40.142	ng	#	89
59) Diethylphthalate	15.55	149	507737	35.808	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	273439	35.460	ng		91
61) 4-Nitroaniline	15.82	138	127274	39.343	ng		86
62) Azobenzene	16.07	77	409619	37.879	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	94644	32.165	ng		77
65) n-Nitrosodiphenylamine	16.00	169	444762	33.156	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	184429	32.895	ng		97
67) Hexachlorobenzene	16.81	284	188462	31.635	ng		94
68) Atrazine	16.94	200	202839	36.649	ng		99
69) Pentachlorophenol	17.15	266	196051	59.534	ng		96
70) Phenanthrene	17.54	178	836886	36.309	ng		98
71) Anthracene	17.63	178	859191	37.203	ng		98
72) Carbazole	17.89	167	811646	37.507	ng		99
73) Di-n-butylphthalate	18.44	149	955178	35.949	ng		100
74) Fluoranthene	19.54	202	1115979	38.241	ng		99
76) Benzidine	19.71	184	529152	32.524	ng		99
77) Pyrene	19.90	202	1139128	37.901	ng		97
79) Butylbenzylphthalate	20.76	149	442719	36.944	ng	#	84
80) Benzo(a)anthracene	21.75	228	1124077	35.729	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	280004	22.048	ng		97
82) Chrysene	21.81	228	1064826	36.588	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	621913	35.952	ng		98
84) Di-n-octyl phthalate	22.85	149	1051970	37.364	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1228637	34.726	ng		99
87) Benzo(b)fluoranthene	24.02	252	1100216	35.746	ng		97
88) Benzo(k)fluoranthene	24.09	252	1104445	36.202	ng		98
89) Benzo(a)pyrene	24.91	252	1079970	36.935	ng		98
90) Dibenzo(a,h)anthracene	28.91	278	1025390	34.310	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1022385	35.247	ng		100

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

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