Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
Data File : BG031357.D
Acq On : 4 Dec 2017 21:46
Operator : SJ/JU
Sample : I6308-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MSD

Manual Integrations APPROVED
Sohil
12/5/2017 3:26:48 PM

Quant Time: Dec 05 05:38:17 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	62850	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	276389	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	189240	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	487864	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	542956	20.00	ng		-0.02
86) Perylene-d12	25.06	264	541129	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	632259	172.50	ng		-0.02
7) Phenol-d6	7.30	99	773494	156.65	ng		0.00
23) Nitrobenzene-d5	9.30	82	524130	112.37	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	448448	146.49	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1459967	110.85	ng		-0.02
78) Terphenyl-d14	20.08	244	2586135	105.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	55627	37.40	ng	#	81
3) Pyridine	3.96	79	145124	33.61	ng		85
4) n-Nitrosodimethylamine	3.86	42	79459	38.83	ng	#	89
6) Aniline	7.45	93	81035	12.47	ng		96
8) 2-Chlorophenol	7.70	128	204547	50.57	ng		89
9) Benzaldehyde	7.26	77	59360	17.18	ng		84
10) Phenol	7.33	94	227395	44.34	ng		88
11) bis(2-Chloroethyl)ether	7.54	93	188633	46.07	ng		90
12) 1,3-Dichlorobenzene	8.02	146	214235	45.14	ng		95
13) 1,4-Dichlorobenzene	8.16	146	219940	45.74	ng		95
14) 1,2-Dichlorobenzene	8.48	146	208400	45.15	ng		98
15) Benzyl Alcohol	8.37	79	168453	42.53	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	268321	59.33	ng		90
17) 2-Methylphenol	8.58	107	170959	47.88	ng		97
18) Hexachloroethane	9.21	117	76247	45.56	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	150009	39.95	ng	#	94
20) 3+4-Methylphenols	8.91	107	232403	45.77	ng		97
22) Acetophenone	8.95	105	294206	42.75	ng	#	92
24) Nitrobenzene	9.34	77	227940	47.84	ng	#	89
25) Isophorone	9.86	82	425906	46.82	ng	#	91
26) 2-Nitrophenol	10.06	139	122992	49.52	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	205571	55.76	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	272051	47.48	ng		99
29) 2,4-Dichlorophenol	10.60	162	235715	53.24	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	253885	48.03	ng		96
31) Naphthalene	11.00	128	649441	47.80	ng		99
32) Benzoic acid	10.27	122	70540	25.92	ng		86
34) Hexachlorobutadiene	11.27	225	160482	43.78	ng		96
35) Caprolactam	11.89	113	60325m	33.35	ng		
36) 4-Chloro-3-methylphenol	12.23	107	236330	49.04	ng	#	83
37) 2-Methylnaphthalene	12.59	142	510148	48.64	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	307488	40.94	ng		97
40) Hexachlorocyclopentadiene	12.93	237	283087	98.99	ng		93
42) 2,4,6-Trichlorophenol	13.20	196	214802	50.03	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.29	196	227946	48.52	ng	#	94
45) 1,1'-Biphenyl	13.59	154	663164	42.26	ng		98
46) 2-Chloronaphthalene	13.63	162	553130	48.85	ng		95
47) 2-Nitroaniline	13.84	65	152058	45.31	ng	#	74
48) Acenaphthylene	14.47	152	843723	45.53	ng		98
49) Dimethylphthalate	14.20	163	748691	45.76	ng		99
50) 2,6-Dinitrotoluene	14.33	165	175349	51.99	ng	#	70
51) Acenaphthene	14.81	154	529511	45.75	ng		99
52) 3-Nitroaniline	14.66	138	22939	6.41	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	195079	103.30	ng	#	47
54) Dibenzofuran	15.15	168	881255	47.81	ng		100
55) 4-Nitrophenol	14.99	139	225875	88.55	ng	#	73
56) 2,4-Dinitrotoluene	15.12	165	250504	51.38	ng	#	72
57) Fluorene	15.80	166	702080	46.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	227201	50.74	ng	#	90
59) Diethylphthalate	15.55	149	757126	45.55	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	421889	46.68	ng		92
61) 4-Nitroaniline	15.83	138	155848	41.10	ng		84
62) Azobenzene	16.07	77	587734	46.37	ng		92
64) 4,6-Dinitro-2-methylphenol	15.88	198	144703	44.62	ng		77
65) n-Nitrosodiphenylamine	16.00	169	653733	44.22	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	283032	45.81	ng		99
67) Hexachlorobenzene	16.80	284	291519	44.40	ng		95
68) Atrazine	16.94	200	234301	38.41	ng		98
69) Pentachlorophenol	17.15	266	304444	83.89	ng		98
70) Phenanthrene	17.53	178	1222883	48.14	ng		98
71) Anthracene	17.62	178	1253671	49.26	ng		97
72) Carbazole	17.89	167	1147291	48.11	ng		99
73) Di-n-butylphthalate	18.43	149	1321757	45.14	ng		99
74) Fluoranthene	19.53	202	1599806	49.74	ng		97
77) Pyrene	19.90	202	1633049	50.69	ng		95
79) Butylbenzylphthalate	20.75	149	638079	49.67	ng	#	84
80) Benzo(a)anthracene	21.74	228	1631412	48.37	ng		97
81) 3,3'-Dichlorobenzidine	21.65	252	131647	9.67	ng		98
82) Chrysene	21.81	228	1530472	49.06	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	884014	47.67	ng		98
84) Di-n-octyl phthalate	22.84	149	1477532	48.95	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1791554	47.24	ng		99
87) Benzo(b)fluoranthene	24.01	252	1655343	50.57	ng		98
88) Benzo(k)fluoranthene	24.08	252	1557764	48.01	ng		98
89) Benzo(a)pyrene	24.90	252	1573558	50.60	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	1521379	47.87	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1388681	45.02	ng		97

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

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