Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
Data File : BG031320.D
Acq On : 1 Dec 2017 16:32
Operator : SJ/JU
Sample : I6289-10MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-112917MS

Manual Integrations APPROVED
Sohil
12/4/2017 12:00:03 PM

Quant Time: Dec 02 03:30:57 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	74330	20.00	ng		-0.03
21) Naphthalene-d8	10.94	136	308756	20.00	ng		-0.03
38) Acenaphthene-d10	14.75	164	201479	20.00	ng		-0.03
63) Phenanthrene-d10	17.49	188	507703	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	560831	20.00	ng		-0.02
86) Perylene-d12	25.06	264	553830	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	513362	118.43	ng		-0.01
7) Phenol-d6	7.30	99	592448	101.45	ng		0.00
23) Nitrobenzene-d5	9.30	82	430301	82.58	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	346228	106.23	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	1150839	82.07	ng		-0.03
78) Terphenyl-d14	20.08	244	2093665	82.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	64558	36.70	ng	#	82
3) Pyridine	3.97	79	150572	29.48	ng		88
4) n-Nitrosodimethylamine	3.87	42	81757	33.78	ng	#	88
6) Aniline	7.45	93	60519	7.87	ng		93
8) 2-Chlorophenol	7.70	128	207035	43.28	ng		86
9) Benzaldehyde	7.26	77	82146	20.10	ng		88
10) Phenol	7.33	94	213790	35.25	ng		89
11) bis(2-Chloroethyl)ether	7.54	93	195430	40.36	ng		87
12) 1,3-Dichlorobenzene	8.02	146	236680	42.17	ng		96
13) 1,4-Dichlorobenzene	8.16	146	239199	42.06	ng		94
14) 1,2-Dichlorobenzene	8.48	146	228101	41.79	ng		98
15) Benzyl Alcohol	8.37	79	170398	36.38	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	281443	52.62	ng		91
17) 2-Methylphenol	8.58	107	167731	39.72	ng		97
18) Hexachloroethane	9.21	117	82630	41.74	ng		88
19) n-Nitroso-di-n-propylamine	8.93	70	152357	34.31	ng	#	93
20) 3+4-Methylphenols	8.91	107	226599	37.73	ng		94
22) Acetophenone	8.95	105	298585	38.84	ng	#	91
24) Nitrobenzene	9.34	77	228839	42.99	ng		91
25) Isophorone	9.86	82	431681	42.48	ng	#	91
26) 2-Nitrophenol	10.05	139	122334	44.09	ng	#	89
27) 2,4-Dimethylphenol	10.11	122	198515	48.20	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	269530	42.11	ng		94
29) 2,4-Dichlorophenol	10.61	162	223840	45.26	ng		92
30) 1,2,4-Trichlorobenzene	10.81	180	258443	43.77	ng		98
31) Naphthalene	10.99	128	664046	43.75	ng		98
32) Benzoic acid	10.27	122	64687	22.29	ng	#	76
33) 4-Chloroaniline	11.12	127	13433m	2.02	ng		
34) Hexachlorobutadiene	11.27	225	168998	41.27	ng		96
35) Caprolactam	11.88	113	55313m	27.38	ng		
36) 4-Chloro-3-methylphenol	12.23	107	219812	40.83	ng	#	86
37) 2-Methylnaphthalene	12.59	142	506014	43.19	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	307568	38.46	ng		96
40) Hexachlorocyclopentadiene	12.93	237	271141	90.12	ng		92

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	205536	44.96	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	210859	42.16	ng	#	92
45) 1,1'-Biphenyl	13.58	154	647912	38.78	ng		97
46) 2-Chloronaphthalene	13.63	162	536834	44.53	ng		95
47) 2-Nitroaniline	13.84	65	144105	40.33	ng	#	82
48) Acenaphthylene	14.48	152	809141	41.01	ng		99
49) Dimethylphthalate	14.20	163	721866	41.44	ng		99
50) 2,6-Dinitrotoluene	14.33	165	167425	46.63	ng	#	72
51) Acenaphthene	14.81	154	512935	41.63	ng		99
52) 3-Nitroaniline	14.67	138	26836	7.04	ng	#	73
53) 2,4-Dinitrophenol	14.88	184	161162	81.47	ng	#	48
54) Dibenzofuran	15.15	168	851110	43.37	ng		99
55) 4-Nitrophenol	14.98	139	198125	72.95	ng	#	78
56) 2,4-Dinitrotoluene	15.12	165	237536	45.76	ng	#	73
57) Fluorene	15.79	166	685279	43.01	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	219638	46.07	ng	#	89
59) Diethylphthalate	15.55	149	716508	40.49	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	404997	42.08	ng		90
61) 4-Nitroaniline	15.82	138	155425	38.50	ng		83
62) Azobenzene	16.08	77	563017	41.72	ng		90
64) 4,6-Dinitro-2-methylphenol	15.89	198	125708	37.25	ng	#	76
65) n-Nitrosodiphenylamine	15.99	169	635968	41.34	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	266125	41.39	ng		97
67) Hexachlorobenzene	16.80	284	271314	39.71	ng		95
68) Atrazine	16.94	200	267050	42.07	ng		97
69) Pentachlorophenol	17.15	266	266829	70.65	ng		97
70) Phenanthrene	17.53	178	1163183	44.00	ng		97
71) Anthracene	17.63	178	1182442	44.64	ng		99
72) Carbazole	17.90	167	1085127	43.72	ng		99
73) Di-n-butylphthalate	18.43	149	1254134	41.16	ng		99
74) Fluoranthene	19.54	202	1489113	44.49	ng		97
76) Benzidine	19.71	184	73911	4.10	ng	#	95
77) Pyrene	19.90	202	1521568	45.72	ng		97
79) Butylbenzylphthalate	20.76	149	586433	44.20	ng		85
80) Benzo(a)anthracene	21.75	228	1503232	43.15	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	177787	12.64	ng		97
82) Chrysene	21.81	228	1422239	44.13	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	816453	42.63	ng		99
84) Di-n-octyl phthalate	22.84	149	1386762	44.48	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1659643	42.36	ng		98
87) Benzo(b)fluoranthene	24.01	252	1483461	44.28	ng		99
88) Benzo(k)fluoranthene	24.08	252	1481500	44.62	ng		97
89) Benzo(a)pyrene	24.91	252	1452900	45.65	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	1386594	42.63	ng		98
91) Benzo(g,h,i)perylene	30.03	276	1390325	44.04	ng		97

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

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