Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037364.D
Acq On : 16 Oct 2018 18:08
Operator : JU/SJ
Sample : PB113496BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113496BSD

Manual Integrations APPROVED
Sohil
10/17/2018 2:59:35 PM

Quant Time: Oct 17 01:20:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74383	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	316316	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	214027	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	515130	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	464859	20.00	ng		-0.01
87) Perylene-d12	25.12	264	492312	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	491552	116.30	ng		0.00
7) Phenol-d6	7.26	99	708764	110.48	ng		0.00
23) Nitrobenzene-d5	9.29	82	575530	119.62	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	261568	124.62	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1351374	94.82	ng		-0.01
79) Terphenyl-d14	20.09	244	2049455	92.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	65064	27.410	ng		98
3) Pyridine	3.93	79	200461	35.568	ng		90
4) n-Nitrosodimethylamine	3.85	42	97585	44.586	ng	#	88
6) Aniline	7.44	93	212849	25.346	ng		97
8) 2-Chlorophenol	7.67	128	254302	51.409	ng		97
9) Benzaldehyde	7.25	77	141413	32.017	ng		98
10) Phenol	7.28	94	347220	51.391	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	230630	41.782	ng		98
12) 1,3-Dichlorobenzene	8.00	146	243676	41.904	ng		98
13) 1,4-Dichlorobenzene	8.15	146	246590	41.884	ng		99
14) 1,2-Dichlorobenzene	8.47	146	241747	42.374	ng		99
15) Benzyl Alcohol	8.35	79	236361	47.102	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	419406	38.435	ng		97
17) 2-Methylphenol	8.55	107	237418	52.468	ng		98
18) Hexachloroethane	9.20	117	87784	43.685	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	197905	40.747	ng		96
20) 3+4-Methylphenols	8.87	107	327662	51.787	ng		98
22) Acetophenone	8.95	105	376124	47.171	ng		98
24) Nitrobenzene	9.33	77	280772	54.484	ng		95
25) Isophorone	9.86	82	569352	51.837	ng		96
26) 2-Nitrophenol	10.04	139	132965	63.386	ng		97
27) 2,4-Dimethylphenol	10.09	122	282960	61.635	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	342975	49.911	ng		96
29) 2,4-Dichlorophenol	10.57	162	282228	60.562	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	261496	46.112	ng		97
31) Naphthalene	10.99	128	779539	50.709	ng		99
32) Benzoic acid	10.23	122	191872	75.691	ng		96
33) 4-Chloroaniline	11.10	127	64887	8.998	ng		95
34) Hexachlorobutadiene	11.25	225	151811	43.109	ng		99
35) Caprolactam	11.89	113	113900m	59.953	ng		
36) 4-Chloro-3-methylphenol	12.20	107	314586	57.159	ng		97
37) 2-Methylnaphthalene	12.58	142	598345	53.334	ng		97
38) 1-Methylnaphthalene	12.80	142	578175	52.767	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	306275	44.189	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	368005	128.792 ng	98
43) 2,4,6-Trichlorophenol	13.18	196	241170	59.980 ng	98
44) 2,4,5-Trichlorophenol	13.25	196	262430	60.661 ng	97
46) 1,1'-Biphenyl	13.58	154	788448	44.783 ng	99
47) 2-Chloronaphthalene	13.63	162	615924	46.314 ng	98
48) 2-Nitroaniline	13.83	65	205132	55.859 ng	98
49) Acenaphthylene	14.47	152	1027000	50.482 ng	97
50) Dimethylphthalate	14.20	163	832053	49.469 ng	99
51) 2,6-Dinitrotoluene	14.33	165	185891	56.005 ng	97
52) Acenaphthene	14.82	154	608111	48.393 ng	98
53) 3-Nitroaniline	14.66	138	78056	22.180 ng	97
54) 2,4-Dinitrophenol	14.86	184	149520	177.653 ng	90
55) Dibenzofuran	15.14	168	956697	46.919 ng	98
56) 4-Nitrophenol	14.95	139	342109	124.714 ng	100
57) 2,4-Dinitrotoluene	15.11	165	260481	61.328 ng	97
58) Fluorene	15.80	166	783702	50.820 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	230644	60.218 ng	99
60) Diethylphthalate	15.56	149	850797	48.809 ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	417203	46.284 ng	100
62) 4-Nitroaniline	15.83	138	206628	55.941 ng	91
63) Azobenzene	16.07	77	795776	47.616 ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	124897	73.812 ng	99
66) n-Nitrosodiphenylamine	16.00	169	738499	48.817 ng	98
67) 4-Bromophenyl-phenylether	16.68	248	270229	48.606 ng	98
68) Hexachlorobenzene	16.78	284	268936	46.656 ng	99
69) Atrazine	16.94	200	289325	51.458 ng	99
70) Pentachlorophenol	17.13	266	347370	93.405 ng	98
71) Phenanthrene	17.54	178	1295892	49.420 ng	97
72) Anthracene	17.63	178	1327196	51.710 ng	96
73) Carbazole	17.90	167	1240695	46.916 ng	98
74) Di-n-butylphthalate	18.44	149	1433704	50.583 ng	99
75) Fluoranthene	19.54	202	1541744	50.305 ng	96
77) Benzidine	19.72	184	355490	19.990 ng	99
78) Pyrene	19.90	202	1528864	50.463 ng	97
80) Butylbenzylphthalate	20.78	149	668722	56.731 ng	96
81) Benzo(a)anthracene	21.76	228	1442814	51.824 ng	94
82) 3,3'-Dichlorobenzidine	21.67	252	255986	23.836 ng	99
83) Chrysene	21.83	228	1331261	50.127 ng	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	933205	55.133 ng	96
85) Di-n-octyl phthalate	22.89	149	1561618	56.842 ng	99
86) Indeno(1,2,3-cd)pyrene	28.97	276	1650251	56.061 ng	98
88) Benzo(b)fluoranthene	24.06	252	1492393	55.757 ng	99
89) Benzo(k)fluoranthene	24.13	252	1355557	51.324 ng	96
90) Benzo(a)pyrene	24.97	252	1413520	55.074 ng	98
91) Dibenzo(a,h)anthracene	29.04	278	1326497	54.016 ng	96
92) Benzo(g,h,i)perylene	30.17	276	1361020	55.491 ng	98

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

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