Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037660.D
Acq On : 30 Oct 2018 19:16
Operator : JU/SJ
Sample : PB114322BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114322BSD

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:15 AM

Quant Time: Oct 31 09:06:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	53654	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	248062	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	164188	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	398600	20.00	ng		0.00
76) Chrysene-d12	21.77	240	355166	20.00	ng		0.00
87) Perylene-d12	25.10	264	367231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	509529	158.77	ng		0.00
7) Phenol-d6	7.25	99	726269	149.66	ng		0.00
23) Nitrobenzene-d5	9.28	82	340017	76.78	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	271228	151.46	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	815418	74.89	ng		0.00
79) Terphenyl-d14	20.08	244	1212388	72.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	52617	32.330	ng		93
3) Pyridine	3.93	79	147169	35.877	ng		98
4) n-Nitrosodimethylamine	3.85	42	65619	44.911	ng	#	85
6) Aniline	7.42	93	192122	32.453	ng		99
8) 2-Chlorophenol	7.66	128	167779	44.689	ng		98
9) Benzaldehyde	7.24	77	88597	29.186	ng		99
10) Phenol	7.28	94	229195	44.763	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	150366	38.666	ng		95
12) 1,3-Dichlorobenzene	7.99	146	165939	39.702	ng		96
13) 1,4-Dichlorobenzene	8.14	146	166772	39.008	ng		98
14) 1,2-Dichlorobenzene	8.45	146	161200	39.196	ng		97
15) Benzyl Alcohol	8.34	79	151044	42.124	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	278771	40.064	ng		98
17) 2-Methylphenol	8.53	107	153548	45.361	ng		98
18) Hexachloroethane	9.19	117	59760	41.000	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	128291	38.391	ng		96
20) 3+4-Methylphenols	8.86	107	212946	44.000	ng		98
22) Acetophenone	8.93	105	245513	39.463	ng	#	97
24) Nitrobenzene	9.32	77	188025	40.873	ng		96
25) Isophorone	9.84	82	365488	45.172	ng		96
26) 2-Nitrophenol	10.03	139	93138	44.943	ng		96
27) 2,4-Dimethylphenol	10.07	122	181208	48.973	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	222715	42.013	ng		98
29) 2,4-Dichlorophenol	10.56	162	182083	44.197	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	174111	38.863	ng		96
31) Naphthalene	10.97	128	517298	42.457	ng		99
32) Benzoic acid	10.20	122	123066	51.207	ng		95
33) 4-Chloroaniline	11.08	127	129994	22.707	ng		97
34) Hexachlorobutadiene	11.23	225	99506	37.475	ng		99
35) Caprolactam	11.87	113	67678m	40.960	ng		
36) 4-Chloro-3-methylphenol	12.19	107	201265	43.319	ng		98
37) 2-Methylnaphthalene	12.57	142	392206	44.159	ng		99
38) 1-Methylnaphthalene	12.79	142	375158	43.494	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199513	37.673	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	247337	97.772	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	157155	44.417	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	171594	44.544	ng		97
46) 1,1'-Biphenyl	13.57	154	507477	37.321	ng		99
47) 2-Chloronaphthalene	13.62	162	405404	39.409	ng		99
48) 2-Nitroaniline	13.82	65	136742	43.833	ng		98
49) Acenaphthylene	14.46	152	674820	43.608	ng		99
50) Dimethylphthalate	14.19	163	533382	41.992	ng		99
51) 2,6-Dinitrotoluene	14.31	165	122089	43.449	ng		95
52) Acenaphthene	14.80	154	388037	40.716	ng		96
53) 3-Nitroaniline	14.65	138	103291	33.113	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	95703	78.015	ng		95
55) Dibenzofuran	15.13	168	639454	40.497	ng		99
56) 4-Nitrophenol	14.95	139	280526	121.494	ng		98
57) 2,4-Dinitrotoluene	15.10	165	171116	46.392	ng		96
58) Fluorene	15.78	166	520878	44.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	147462	44.709	ng		99
60) Diethylphthalate	15.54	149	539458	41.368	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	270637	39.268	ng		97
62) 4-Nitroaniline	15.81	138	133527	43.078	ng		91
63) Azobenzene	16.06	77	515347	41.420	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87907	43.086	ng		99
66) n-Nitrosodiphenylamine	15.98	169	473181	39.465	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	171117	39.092	ng		98
68) Hexachlorobenzene	16.77	284	172783	38.086	ng		99
69) Atrazine	16.93	200	178566	41.192	ng		100
70) Pentachlorophenol	17.12	266	210371	69.228	ng		98
71) Phenanthrene	17.52	178	855154	42.213	ng		98
72) Anthracene	17.62	178	862871	43.403	ng		98
73) Carbazole	17.89	167	788508	39.651	ng		100
74) Di-n-butylphthalate	18.42	149	943909	42.669	ng		100
75) Fluoranthene	19.53	202	993984	43.261	ng		100
77) Benzidine	19.71	184	409705	33.926	ng		99
78) Pyrene	19.89	202	981782	42.286	ng		99
80) Butylbenzylphthalate	20.76	149	423999	44.622	ng		98
81) Benzo(a)anthracene	21.74	228	921841	43.881	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	244259	29.997	ng		99
83) Chrysene	21.81	228	852612	42.208	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	591813	44.433	ng		99
85) Di-n-octyl phthalate	22.87	149	1004833	46.265	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	915024	42.233	ng	#	91
88) Benzo(b)fluoranthene	24.03	252	904337	44.918	ng		98
89) Benzo(k)fluoranthene	24.10	252	860027	43.601	ng		97
90) Benzo(a)pyrene	24.95	252	862497	45.084	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	742885	42.097	ng		98
92) Benzo(g,h,i)perylene	30.13	276	749047	41.955	ng		99

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

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