Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037729.D
Acq On : 1 Nov 2018 21:47
Operator : JU/SJ
Sample : PB114386BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114386BSD

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:43 AM

Quant Time: Nov 02 07:45:21 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	57907	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	274426	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	179625	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	392990	20.00	ng		0.00
76) Chrysene-d12	21.77	240	306379	20.00	ng		0.00
87) Perylene-d12	25.10	264	314384	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	509973	147.24	ng		0.00
7) Phenol-d6	7.25	99	737100	140.74	ng		0.00
23) Nitrobenzene-d5	9.28	82	370656	75.66	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	286161	146.06	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	891819	74.87	ng		-0.01
79) Terphenyl-d14	20.08	244	1066111	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	54414	30.978	ng		99
3) Pyridine	3.93	79	126509	28.576	ng		100
4) n-Nitrosodimethylamine	3.85	42	66579	42.222	ng	#	95
6) Aniline	7.42	93	207003	32.398	ng		98
8) 2-Chlorophenol	7.66	128	176182	43.481	ng		97
9) Benzaldehyde	7.24	77	92108	28.114	ng		94
10) Phenol	7.27	94	235726	42.657	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	162548	38.729	ng		97
12) 1,3-Dichlorobenzene	7.99	146	176392	39.103	ng		97
13) 1,4-Dichlorobenzene	8.14	146	180380	39.092	ng		98
14) 1,2-Dichlorobenzene	8.46	146	175459	39.530	ng		97
15) Benzyl Alcohol	8.34	79	164839	42.595	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	314927	41.936	ng		98
17) 2-Methylphenol	8.53	107	162362	44.442	ng		98
18) Hexachloroethane	9.18	117	65545	41.667	ng		85
19) n-Nitroso-di-n-propylamine	8.91	70	138715	38.462	ng		97
20) 3+4-Methylphenols	8.86	107	227404	43.536	ng		97
22) Acetophenone	8.93	105	261607	38.011	ng	#	99
24) Nitrobenzene	9.32	77	205154	40.312	ng		96
25) Isophorone	9.84	82	401404	44.845	ng		98
26) 2-Nitrophenol	10.03	139	102810	44.844	ng		98
27) 2,4-Dimethylphenol	10.08	122	192112	46.932	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	239571	40.851	ng		97
29) 2,4-Dichlorophenol	10.56	162	194655	42.710	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	196555	39.658	ng		98
31) Naphthalene	10.98	128	571336	42.387	ng		99
32) Benzoic acid	10.20	122	116513	43.823	ng		94
33) 4-Chloroaniline	11.08	127	151172	23.869	ng		97
34) Hexachlorobutadiene	11.23	225	119689	40.745	ng		95
35) Caprolactam	11.87	113	69541m	38.044	ng		
36) 4-Chloro-3-methylphenol	12.19	107	212193	41.283	ng		98
37) 2-Methylnaphthalene	12.57	142	441244	44.907	ng		98
38) 1-Methylnaphthalene	12.79	142	422421	44.269	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231679	39.987	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	295532	106.783	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	166845	43.104	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	178619	42.383	ng		98
46) 1,1'-Biphenyl	13.57	154	562510	37.813	ng		99
47) 2-Chloronaphthalene	13.62	162	454524	40.386	ng		97
48) 2-Nitroaniline	13.83	65	147543	43.231	ng		96
49) Acenaphthylene	14.46	152	720674	42.569	ng		99
50) Dimethylphthalate	14.18	163	557543	40.122	ng		99
51) 2,6-Dinitrotoluene	14.31	165	126624	41.191	ng		97
52) Acenaphthene	14.80	154	422723	40.543	ng		99
53) 3-Nitroaniline	14.65	138	109660	32.133	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	90554	71.444	ng		93
55) Dibenzofuran	15.14	168	679333	39.325	ng		100
56) 4-Nitrophenol	14.94	139	280137	110.899	ng		94
57) 2,4-Dinitrotoluene	15.10	165	177961	44.101	ng		96
58) Fluorene	15.78	166	546821	42.270	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	155208	43.013	ng		100
60) Diethylphthalate	15.54	149	571222	40.039	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	287916	38.185	ng		99
62) 4-Nitroaniline	15.81	138	135845	40.060	ng		93
63) Azobenzene	16.06	77	538224	39.541	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	84635	42.274	ng		98
66) n-Nitrosodiphenylamine	15.99	169	494588	41.839	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	176995	41.012	ng		99
68) Hexachlorobenzene	16.78	284	177337	39.648	ng		98
69) Atrazine	16.93	200	178416	41.745	ng		99
70) Pentachlorophenol	17.12	266	213515	71.266	ng		95
71) Phenanthrene	17.53	178	836506	41.882	ng		99
72) Anthracene	17.62	178	859927	43.872	ng		98
73) Carbazole	17.89	167	768699	39.206	ng		99
74) Di-n-butylphthalate	18.42	149	898078	41.176	ng		99
75) Fluoranthene	19.53	202	855671	37.773	ng		99
77) Benzidine	19.71	184	374457	35.944	ng		99
78) Pyrene	19.90	202	855056	42.692	ng		100
80) Butylbenzylphthalate	20.76	149	368011	44.897	ng		98
81) Benzo(a)anthracene	21.75	228	778890	42.980	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	220952	31.456	ng		99
83) Chrysene	21.82	228	732735	42.049	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	518722	45.147	ng		100
85) Di-n-octyl phthalate	22.87	149	892347	47.628	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	761420	40.739	ng	#	86
88) Benzo(b)fluoranthene	24.04	252	744937	43.221	ng		98
89) Benzo(k)fluoranthene	24.11	252	733444	43.434	ng		97
90) Benzo(a)pyrene	24.95	252	734416	44.842	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	596088	39.457	ng		97
92) Benzo(g,h,i)perylene	30.14	276	618580	40.472	ng		99

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

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