Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037386.D
Acq On : 17 Oct 2018 11:29
Operator : JU/SJ
Sample : PB113906BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113906BSD

Manual Integrations APPROVED
Sohil
10/17/2018 2:59:50 PM

Quant Time: Oct 17 12:10:20 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	57485	20.00	ng		-0.01
21) Naphthalene-d8	10.93	136	280436	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	189544	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	461880	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	419773	20.00	ng		-0.02
87) Perylene-d12	25.12	264	439300	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	522433	159.94	ng		0.00
7) Phenol-d6	7.25	99	747506	150.77	ng		0.00
23) Nitrobenzene-d5	9.29	82	417087	97.78	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	278711	149.93	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	1029201	81.54	ng		-0.01
79) Terphenyl-d14	20.09	244	1591380	79.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	52618	28.682	ng		99
3) Pyridine	3.93	79	148555	34.107	ng		96
4) n-Nitrosodimethylamine	3.85	42	68760	40.651	ng	#	87
6) Aniline	7.44	93	234719	36.166	ng		98
8) 2-Chlorophenol	7.67	128	190992	49.961	ng		98
9) Benzaldehyde	7.25	77	56418	16.528	ng		98
10) Phenol	7.28	94	260435	49.877	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	175104	41.048	ng		97
12) 1,3-Dichlorobenzene	8.00	146	178471	39.713	ng		97
13) 1,4-Dichlorobenzene	8.15	146	182573	40.126	ng		98
14) 1,2-Dichlorobenzene	8.46	146	173237	39.292	ng		97
15) Benzyl Alcohol	8.35	79	177076	45.661	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	313980	37.232	ng		98
17) 2-Methylphenol	8.54	107	177782	50.838	ng		97
18) Hexachloroethane	9.20	117	63781	41.071	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	148519	39.567	ng		96
20) 3+4-Methylphenols	8.87	107	246225	50.355	ng		97
22) Acetophenone	8.94	105	278998	39.466	ng		97
24) Nitrobenzene	9.33	77	211576	46.310	ng		92
25) Isophorone	9.85	82	425659	43.713	ng		96
26) 2-Nitrophenol	10.04	139	100303	56.186	ng		99
27) 2,4-Dimethylphenol	10.09	122	212328	52.168	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	258833	42.486	ng		97
29) 2,4-Dichlorophenol	10.57	162	209533	50.715	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	197626	39.308	ng		98
31) Naphthalene	10.98	128	588940	43.212	ng		100
32) Benzoic acid	10.20	122	113303	50.415	ng		96
33) 4-Chloroaniline	11.10	127	175620	27.469	ng		96
34) Hexachlorobutadiene	11.25	225	114020	36.520	ng		95
35) Caprolactam	11.88	113	80886m	48.023	ng		
36) 4-Chloro-3-methylphenol	12.19	107	229582	47.051	ng		99
37) 2-Methylnaphthalene	12.58	142	450555	45.299	ng		99
38) 1-Methylnaphthalene	12.80	142	432896	44.563	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	226989	36.980	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	279561	110.477	ng		100
43) 2,4,6-Trichlorophenol	13.18	196	177746	49.916	ng		100
44) 2,4,5-Trichlorophenol	13.25	196	190661	49.764	ng		96
46) 1,1'-Biphenyl	13.58	154	577787	37.056	ng		99
47) 2-Chloronaphthalene	13.63	162	465321	39.509	ng		99
48) 2-Nitroaniline	13.83	65	153101	47.981	ng		97
49) Acenaphthylene	14.47	152	774387	42.982	ng		99
50) Dimethylphthalate	14.20	163	620029	41.625	ng		99
51) 2,6-Dinitrotoluene	14.32	165	143532	49.445	ng		94
52) Acenaphthene	14.81	154	452810	40.688	ng		98
53) 3-Nitroaniline	14.66	138	118980	38.176	ng	#	94
54) 2,4-Dinitrophenol	14.86	184	55982	75.107	ng		96
55) Dibenzofuran	15.14	168	735863	40.750	ng		98
56) 4-Nitrophenol	14.94	139	236382	97.302	ng		99
57) 2,4-Dinitrotoluene	15.11	165	191520	51.821	ng		94
58) Fluorene	15.79	166	596122	43.649	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	174423	51.421	ng		99
60) Diethylphthalate	15.55	149	634611	41.109	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	314038	39.339	ng		99
62) 4-Nitroaniline	15.82	138	155909	47.661	ng		90
63) Azobenzene	16.07	77	593873	40.125	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	66292	46.120	ng		98
66) n-Nitrosodiphenylamine	16.00	169	548109	40.409	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	200227	40.167	ng		97
68) Hexachlorobenzene	16.78	284	204513	39.570	ng		97
69) Atrazine	16.94	200	214836	42.615	ng		99
70) Pentachlorophenol	17.13	266	233795	70.113	ng		98
71) Phenanthrene	17.54	178	989237	42.074	ng		98
72) Anthracene	17.62	178	1011389	43.949	ng		98
73) Carbazole	17.89	167	930669	39.250	ng		100
74) Di-n-butylphthalate	18.43	149	1096402	43.142	ng		100
75) Fluoranthene	19.54	202	1173384	42.700	ng		99
77) Benzidine	19.72	184	559408	34.835	ng		100
78) Pyrene	19.90	202	1153567	42.165	ng		99
80) Butylbenzylphthalate	20.77	149	494462	46.453	ng		100
81) Benzo(a)anthracene	21.76	228	1095845	43.589	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	298076	30.736	ng		99
83) Chrysene	21.83	228	1014960	42.322	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	696352	45.559	ng		99
85) Di-n-octyl phthalate	22.89	149	1176088	47.407	ng		97
86) Indeno(1,2,3-cd)pyrene	28.96	276	1180706	44.418	ng		99
88) Benzo(b)fluoranthene	24.05	252	1090966	45.678	ng		99
89) Benzo(k)fluoranthene	24.12	252	1023518	43.429	ng		97
90) Benzo(a)pyrene	24.96	252	1046496	45.694	ng		98
91) Dibenzo(a,h)anthracene	29.03	278	952470	43.465	ng		96
92) Benzo(g,h,i)perylene	30.16	276	968699	44.261	ng		99

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

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