Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037643.D
Acq On : 30 Oct 2018 4:16
Operator : JU/SJ
Sample : PB114248BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114248BS

Manual Integrations APPROVED
Sohil
10/30/2018 5:50:31 PM

Quant Time: Oct 30 06:38:22 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	52166	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	240634	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	161278	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	388787	20.00	ng		0.00
76) Chrysene-d12	21.77	240	351353	20.00	ng		0.00
87) Perylene-d12	25.10	264	367254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	546414	175.12	ng		0.00
7) Phenol-d6	7.25	99	770648	163.33	ng		0.00
23) Nitrobenzene-d5	9.27	82	352070	81.96	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	289678	164.68	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	836427	78.21	ng		0.00
79) Terphenyl-d14	20.08	244	1256443	76.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	49172	31.075	ng		98
3) Pyridine	3.93	79	145780	36.552	ng		95
4) n-Nitrosodimethylamine	3.85	42	65282	45.955	ng	#	91
6) Aniline	7.42	93	201695	35.041	ng		96
8) 2-Chlorophenol	7.66	128	167348	45.846	ng		98
9) Benzaldehyde	7.24	77	133435	45.210	ng		94
10) Phenol	7.28	94	227821	45.764	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	153460	40.588	ng		96
12) 1,3-Dichlorobenzene	7.99	146	164023	40.363	ng		98
13) 1,4-Dichlorobenzene	8.14	146	168791	40.606	ng		98
14) 1,2-Dichlorobenzene	8.45	146	162732	40.697	ng		97
15) Benzyl Alcohol	8.34	79	151048	43.327	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	281700	41.639	ng		98
17) 2-Methylphenol	8.53	107	155793	47.337	ng		99
18) Hexachloroethane	9.19	117	60554	42.730	ng		92
19) n-Nitroso-di-n-propylamine	8.90	70	127214	39.155	ng		96
20) 3+4-Methylphenols	8.86	107	216231	45.953	ng		100
22) Acetophenone	8.93	105	244547	40.522	ng		96
24) Nitrobenzene	9.32	77	187659	42.053	ng		94
25) Isophorone	9.84	82	364709	46.467	ng		96
26) 2-Nitrophenol	10.03	139	94014	46.766	ng		99
27) 2,4-Dimethylphenol	10.07	122	181838	50.660	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	223476	43.458	ng		96
29) 2,4-Dichlorophenol	10.56	162	184924	46.272	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	172935	39.792	ng		97
31) Naphthalene	10.97	128	521407	44.115	ng		99
32) Benzoic acid	10.20	122	114651	49.179	ng		97
33) 4-Chloroaniline	11.08	127	129605	23.338	ng		97
34) Hexachlorobutadiene	11.24	225	98879	38.388	ng		98
35) Caprolactam	11.87	113	70042m	43.699	ng		
36) 4-Chloro-3-methylphenol	12.19	107	203382	45.125	ng		98
37) 2-Methylnaphthalene	12.57	142	391612	45.453	ng		99
38) 1-Methylnaphthalene	12.79	142	373775	44.671	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	199729	38.394	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	248419	99.971	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	155919	44.863	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	171634	45.359	ng		97
46) 1,1'-Biphenyl	13.57	154	516504	38.670	ng		99
47) 2-Chloronaphthalene	13.62	162	405063	40.086	ng		98
48) 2-Nitroaniline	13.83	65	139329	45.468	ng		96
49) Acenaphthylene	14.46	152	682060	44.871	ng		100
50) Dimethylphthalate	14.19	163	536018	42.961	ng		99
51) 2,6-Dinitrotoluene	14.32	165	123089	44.596	ng		97
52) Acenaphthene	14.80	154	396890	42.396	ng		98
53) 3-Nitroaniline	14.65	138	103756	33.862	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	93401	77.711	ng		97
55) Dibenzofuran	15.13	168	639055	41.202	ng		99
56) 4-Nitrophenol	14.94	139	278760	122.908	ng		98
57) 2,4-Dinitrotoluene	15.10	165	170847	47.155	ng		98
58) Fluorene	15.78	166	519107	44.693	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	151632	46.803	ng		99
60) Diethylphthalate	15.54	149	553258	43.192	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	271704	40.134	ng		99
62) 4-Nitroaniline	15.81	138	138216	45.396	ng		91
63) Azobenzene	16.06	77	522256	42.732	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	83789	42.298	ng		99
66) n-Nitrosodiphenylamine	15.98	169	479051	40.963	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	171644	40.202	ng		99
68) Hexachlorobenzene	16.78	284	175297	39.615	ng		95
69) Atrazine	16.92	200	179670	42.493	ng		99
70) Pentachlorophenol	17.12	266	209996	70.849	ng		97
71) Phenanthrene	17.52	178	867285	43.892	ng		99
72) Anthracene	17.62	178	877295	45.242	ng		98
73) Carbazole	17.89	167	798999	41.192	ng		100
74) Di-n-butylphthalate	18.42	149	958524	44.423	ng		100
75) Fluoranthene	19.53	202	1004842	44.837	ng		98
77) Benzidine	19.72	184	573892	48.037	ng		100
78) Pyrene	19.89	202	1000457	43.558	ng		99
80) Butylbenzylphthalate	20.76	149	430742	45.823	ng		99
81) Benzo(a)anthracene	21.75	228	933594	44.923	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	247528	30.729	ng		95
83) Chrysene	21.82	228	870634	43.567	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	604393	45.870	ng		98
85) Di-n-octyl phthalate	22.87	149	1009400	46.979	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	957863	44.690	ng		97
88) Benzo(b)fluoranthene	24.03	252	910684	45.231	ng		97
89) Benzo(k)fluoranthene	24.11	252	892696	45.254	ng		99
90) Benzo(a)pyrene	24.94	252	889345	46.484	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	742377	42.066	ng		99
92) Benzo(g,h,i)perylene	30.13	276	752972	42.173	ng		99

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

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