Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037732.D
Acq On : 1 Nov 2018 23:44
Operator : JU/SJ
Sample : PB114358BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114358BSD

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

Quant Time: Nov 02 07:51:10 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	59527	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	256250	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	169459	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	377561	20.00	ng		0.00
76) Chrysene-d12	21.77	240	310996	20.00	ng		0.00
87) Perylene-d12	25.11	264	315345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	312586	87.79	ng		0.00
7) Phenol-d6	7.24	99	458366	85.14	ng		0.00
23) Nitrobenzene-d5	9.28	82	400490	87.55	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	172465	93.31	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	960036	85.43	ng		-0.01
79) Terphenyl-d14	20.08	244	1304000	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41968	23.243	ng		99
3) Pyridine	3.93	79	129304	28.412	ng		98
4) n-Nitrosodimethylamine	3.85	42	65677	40.516	ng		98
6) Aniline	7.42	93	131424	20.009	ng		96
8) 2-Chlorophenol	7.66	128	179609	43.120	ng		98
9) Benzaldehyde	7.24	77	128115	38.040	ng		95
10) Phenol	7.27	94	241488	42.510	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	159117	36.880	ng		93
12) 1,3-Dichlorobenzene	7.98	146	175137	37.768	ng		95
13) 1,4-Dichlorobenzene	8.14	146	183746	38.738	ng		98
14) 1,2-Dichlorobenzene	8.45	146	172971	37.909	ng		98
15) Benzyl Alcohol	8.34	79	167453	42.093	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	306006	39.639	ng		99
17) 2-Methylphenol	8.53	107	165820	44.153	ng		98
18) Hexachloroethane	9.18	117	65239	40.344	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	138451	37.344	ng		96
20) 3+4-Methylphenols	8.86	107	227573	42.383	ng		98
22) Acetophenone	8.93	105	264227	41.114	ng	#	98
24) Nitrobenzene	9.32	77	201004	42.298	ng		94
25) Isophorone	9.84	82	392861	47.004	ng		95
26) 2-Nitrophenol	10.03	139	103021	48.123	ng		95
27) 2,4-Dimethylphenol	10.07	122	193661	50.666	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	239911	43.811	ng		97
29) 2,4-Dichlorophenol	10.56	162	197932	46.509	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	196570	42.474	ng		97
31) Naphthalene	10.98	128	576070	45.769	ng		99
32) Benzoic acid	10.20	122	115569	46.551	ng		96
33) 4-Chloroaniline	11.08	127	76417	12.922	ng		98
34) Hexachlorobutadiene	11.23	225	114987	41.921	ng		98
35) Caprolactam	11.87	113	71618m	41.960	ng		
36) 4-Chloro-3-methylphenol	12.19	107	218008	45.423	ng		99
37) 2-Methylnaphthalene	12.57	142	442026	48.178	ng		100
38) 1-Methylnaphthalene	12.79	142	416254	46.717	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	233215	42.667	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	295363	113.125	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	167974	45.999	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	185583	46.677	ng		96
46) 1,1'-Biphenyl	13.57	154	567359	40.427	ng		99
47) 2-Chloronaphthalene	13.62	162	453339	42.698	ng		99
48) 2-Nitroaniline	13.83	65	149271	46.361	ng		97
49) Acenaphthylene	14.46	152	736403	46.107	ng		99
50) Dimethylphthalate	14.18	163	568671	43.378	ng		100
51) 2,6-Dinitrotoluene	14.31	165	130357	44.949	ng		96
52) Acenaphthene	14.80	154	431768	43.895	ng		99
53) 3-Nitroaniline	14.65	138	80694	25.064	ng	#	95
54) 2,4-Dinitrophenol	14.85	184	82665	70.028	ng		93
55) Dibenzofuran	15.13	168	690817	42.389	ng		98
56) 4-Nitrophenol	14.94	139	276168	115.886	ng		97
57) 2,4-Dinitrotoluene	15.10	165	184379	48.433	ng		94
58) Fluorene	15.78	166	557893	45.713	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	158061	46.432	ng		100
60) Diethylphthalate	15.54	149	587329	43.638	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	299601	42.118	ng		95
62) 4-Nitroaniline	15.81	138	137558	42.998	ng		90
63) Azobenzene	16.06	77	552958	43.060	ng		100
65) 4,6-Dinitro-2-methylphenol	15.85	198	84345	43.533	ng		100
66) n-Nitrosodiphenylamine	15.98	169	508756	44.796	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	186786	45.050	ng		99
68) Hexachlorobenzene	16.77	284	183558	42.716	ng		99
69) Atrazine	16.93	200	190142	46.306	ng		99
70) Pentachlorophenol	17.12	266	218964	76.071	ng		96
71) Phenanthrene	17.53	178	882014	45.965	ng		99
72) Anthracene	17.61	178	903919	48.001	ng		97
73) Carbazole	17.89	167	813394	43.181	ng		100
74) Di-n-butylphthalate	18.42	149	965905	46.096	ng		100
75) Fluoranthene	19.53	202	975531	44.824	ng		99
77) Benzidine	19.71	184	310135	29.328	ng		98
78) Pyrene	19.89	202	973983	47.908	ng		100
80) Butylbenzylphthalate	20.76	149	415445	49.931	ng		97
81) Benzo(a)anthracene	21.75	228	878277	47.745	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	175728	24.646	ng		98
83) Chrysene	21.82	228	820009	46.359	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	578918	49.638	ng		98
85) Di-n-octyl phthalate	22.86	149	976099	51.325	ng		100
86) Indeno(1,2,3-cd)pyrene	28.93	276	794456	41.876	ng	#	96
88) Benzo(b)fluoranthene	24.04	252	841216	48.658	ng		99
89) Benzo(k)fluoranthene	24.11	252	807854	47.695	ng		98
90) Benzo(a)pyrene	24.95	252	804796	48.989	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	672788	44.398	ng		98
92) Benzo(g,h,i)perylene	30.14	276	683029	44.552	ng		100

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

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