Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037662.D
Acq On : 30 Oct 2018 20:34
Operator : JU/SJ
Sample : PB114303BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114303BS

Manual Integrations APPROVED
Sohil
10/31/2018 11:54:18 AM

Quant Time: Oct 31 09:09:00 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	50109	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	222690	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	147811	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	356009	20.00	ng		0.00
76) Chrysene-d12	21.77	240	323881	20.00	ng		0.00
87) Perylene-d12	25.10	264	333404	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	344525	114.95	ng		0.00
7) Phenol-d6	7.25	99	497475	109.77	ng		0.00
23) Nitrobenzene-d5	9.28	82	280097	70.46	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	178998	111.03	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	677236	69.09	ng		0.00
79) Terphenyl-d14	20.08	244	1041817	68.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41342	27.199	ng		97
3) Pyridine	3.93	79	122470	31.968	ng		92
4) n-Nitrosodimethylamine	3.85	42	55496	40.670	ng	#	95
6) Aniline	7.42	93	89693	16.222	ng		98
8) 2-Chlorophenol	7.66	128	148043	42.222	ng		98
9) Benzaldehyde	7.24	77	67682	23.873	ng		99
10) Phenol	7.27	94	203608	42.579	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	135261	37.243	ng		97
12) 1,3-Dichlorobenzene	7.99	146	140129	35.899	ng		99
13) 1,4-Dichlorobenzene	8.13	146	143556	35.953	ng		98
14) 1,2-Dichlorobenzene	8.46	146	138645	36.097	ng		97
15) Benzyl Alcohol	8.34	79	131633	39.308	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	243405	37.456	ng		96
17) 2-Methylphenol	8.53	107	136171	43.073	ng		97
18) Hexachloroethane	9.18	117	51274	37.667	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	111227	35.639	ng		97
20) 3+4-Methylphenols	8.86	107	191046	42.267	ng		98
22) Acetophenone	8.93	105	211493	37.868	ng	#	95
24) Nitrobenzene	9.32	77	163178	39.513	ng		92
25) Isophorone	9.83	82	317056	43.651	ng		97
26) 2-Nitrophenol	10.03	139	80154	43.084	ng		96
27) 2,4-Dimethylphenol	10.07	122	160811	48.412	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	194020	40.770	ng		98
29) 2,4-Dichlorophenol	10.56	162	160728	43.459	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	148714	36.976	ng		97
31) Naphthalene	10.97	128	454569	41.559	ng		100
32) Benzoic acid	10.20	122	101498	47.045	ng		98
33) 4-Chloroaniline	11.08	127	57214	11.133	ng		94
34) Hexachlorobutadiene	11.23	225	85343	35.803	ng		97
35) Caprolactam	11.87	113	56901m	38.361	ng		
36) 4-Chloro-3-methylphenol	12.18	107	180811	43.350	ng		100
37) 2-Methylnaphthalene	12.57	142	348940	43.763	ng		99
38) 1-Methylnaphthalene	12.79	142	330572	42.692	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	173689	36.430	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	215874	94.789	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	137966	43.314	ng		95
44) 2,4,5-Trichlorophenol	13.24	196	151788	43.768	ng		98
46) 1,1'-Biphenyl	13.57	154	455225	37.188	ng		100
47) 2-Chloronaphthalene	13.62	162	359847	38.856	ng		98
48) 2-Nitroaniline	13.83	65	121203	43.157	ng		92
49) Acenaphthylene	14.46	152	601741	43.194	ng		98
50) Dimethylphthalate	14.18	163	472332	41.306	ng		99
51) 2,6-Dinitrotoluene	14.32	165	109472	43.276	ng		90
52) Acenaphthene	14.80	154	350812	40.888	ng		100
53) 3-Nitroaniline	14.64	138	62804	22.364	ng	#	97
54) 2,4-Dinitrophenol	14.85	184	69315	68.362	ng		96
55) Dibenzofuran	15.13	168	569842	40.087	ng		98
56) 4-Nitrophenol	14.94	139	247658	119.143	ng		95
57) 2,4-Dinitrotoluene	15.10	165	153792	46.315	ng		94
58) Fluorene	15.78	166	463148	43.508	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	133357	44.912	ng		99
60) Diethylphthalate	15.54	149	491282	41.848	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	239986	38.679	ng		98
62) 4-Nitroaniline	15.81	138	116619	41.792	ng		92
63) Azobenzene	16.06	77	464267	41.449	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	71377	39.942	ng		96
66) n-Nitrosodiphenylamine	15.98	169	430683	40.218	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	153097	39.160	ng		98
68) Hexachlorobenzene	16.77	284	153259	37.824	ng		99
69) Atrazine	16.92	200	157138	40.585	ng		98
70) Pentachlorophenol	17.12	266	182603	67.279	ng		96
71) Phenanthrene	17.52	178	763302	42.187	ng		99
72) Anthracene	17.62	178	778758	43.858	ng		98
73) Carbazole	17.89	167	707039	39.807	ng		99
74) Di-n-butylphthalate	18.42	149	842279	42.629	ng		99
75) Fluoranthene	19.53	202	886971	43.222	ng		98
77) Benzidine	19.71	184	173694	15.772	ng		98
78) Pyrene	19.89	202	886773	41.883	ng		99
80) Butylbenzylphthalate	20.76	149	379442	43.790	ng		96
81) Benzo(a)anthracene	21.75	228	827880	43.215	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	153942	20.732	ng		96
83) Chrysene	21.82	228	766033	41.585	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	528882	43.544	ng		98
85) Di-n-octyl phthalate	22.86	149	896671	45.273	ng		97
86) Indeno(1,2,3-cd)pyrene	28.92	276	820982	41.552	ng		98
88) Benzo(b)fluoranthene	24.03	252	818132	44.759	ng		99
89) Benzo(k)fluoranthene	24.10	252	767083	42.835	ng		98
90) Benzo(a)pyrene	24.94	252	775753	44.664	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	650278	40.588	ng		98
92) Benzo(g,h,i)perylene	30.13	276	661208	40.793	ng		98

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

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