Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038122.D
Acq On : 21 Nov 2018 18:16
Operator : JU/SJ
Sample : PB115013BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115013BS

Quant Time: Nov 22 01:21:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40148	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	170753	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	106248	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	246842	20.00	ng		0.00
76) Chrysene-d12	21.75	240	225957	20.00	ng		0.00
87) Perylene-d12	25.07	264	241534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	251412	108.12	ng		0.00
7) Phenol-d6	7.23	99	349792	105.38	ng		0.00
23) Nitrobenzene-d5	9.27	82	212353	66.57	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	115414	95.25	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	476552	65.34	ng		0.00
79) Terphenyl-d14	20.07	244	719878	74.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30166	27.465	ng		97
3) Pyridine	3.92	79	86655	27.658	ng		94
4) n-Nitrosodimethylamine	3.84	42	43170	37.979	ng		98
6) Aniline	7.41	93	63004	14.707	ng		97
8) 2-Chlorophenol	7.64	128	101705	37.694	ng		99
9) Benzaldehyde	7.23	77	46406	19.333	ng		95
10) Phenol	7.26	94	133365	37.933	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	93571	32.600	ng		97
12) 1,3-Dichlorobenzene	7.97	146	101096	32.524	ng		99
13) 1,4-Dichlorobenzene	8.12	146	102109	32.520	ng		99
14) 1,2-Dichlorobenzene	8.44	146	97060	32.378	ng		98
15) Benzyl Alcohol	8.33	79	87393	36.387	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	189616	35.577	ng		97
17) 2-Methylphenol	8.52	107	89336	37.584	ng		98
18) Hexachloroethane	9.17	117	37540	32.851	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	77928	32.447	ng		96
20) 3+4-Methylphenols	8.85	107	122620	36.390	ng		97
22) Acetophenone	8.91	105	148856	35.038	ng	#	98
24) Nitrobenzene	9.31	77	118140	36.205	ng		97
25) Isophorone	9.82	82	219730	38.271	ng		98
26) 2-Nitrophenol	10.01	139	54768	33.620	ng		95
27) 2,4-Dimethylphenol	10.06	122	104297	42.494	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	133478	36.357	ng		99
29) 2,4-Dichlorophenol	10.55	162	103801	37.599	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	104450	33.763	ng		95
31) Naphthalene	10.96	128	310335	36.951	ng		99
32) Benzoic acid	10.18	122	35966	29.243	ng		93
33) 4-Chloroaniline	11.07	127	45431	11.629	ng		98
34) Hexachlorobutadiene	11.22	225	61656	32.383	ng		97
35) Caprolactam	11.85	113	36672	33.186	ng		93
36) 4-Chloro-3-methylphenol	12.17	107	112604	37.334	ng		97
37) 2-Methylnaphthalene	12.56	142	228255	37.836	ng		99
38) 1-Methylnaphthalene	12.77	142	216535	37.289	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	117182	33.006	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	143406	75.433	ng		100
43) 2,4,6-Trichlorophenol	13.15	196	84013	34.726	ng		96
44) 2,4,5-Trichlorophenol	13.23	196	89989	35.351	ng		96
46) 1,1'-Biphenyl	13.55	154	290203	32.512	ng		100
47) 2-Chloronaphthalene	13.60	162	231856	34.040	ng		100
48) 2-Nitroaniline	13.81	65	80477	37.541	ng		95
49) Acenaphthylene	14.45	152	384433	37.532	ng		98
50) Dimethylphthalate	14.17	163	297212	35.285	ng		99
51) 2,6-Dinitrotoluene	14.30	165	67356	35.332	ng		95
52) Acenaphthene	14.79	154	221660	35.947	ng		96
53) 3-Nitroaniline	14.64	138	38845	18.466	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	33722	38.256	ng		91
55) Dibenzofuran	15.12	168	357076	35.020	ng		98
56) 4-Nitrophenol	14.93	139	108123	66.643	ng		95
57) 2,4-Dinitrotoluene	15.08	165	96206	37.091	ng		98
58) Fluorene	15.77	166	284533	37.401	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	77436	36.354	ng		96
60) Diethylphthalate	15.52	149	309288	34.571	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	149838	33.660	ng		100
62) 4-Nitroaniline	15.80	138	73465	35.155	ng		98
63) Azobenzene	16.05	77	291459	36.436	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	39895	25.553	ng		91
66) n-Nitrosodiphenylamine	15.97	169	260314	34.859	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	91445	33.752	ng		97
68) Hexachlorobenzene	16.76	284	94175	33.675	ng		96
69) Atrazine	16.91	200	96337	34.996	ng		98
70) Pentachlorophenol	17.11	266	96349	50.728	ng		96
71) Phenanthrene	17.51	178	476309	37.689	ng		99
72) Anthracene	17.60	178	485374	38.962	ng		99
73) Carbazole	17.87	167	442264	35.385	ng		98
74) Di-n-butylphthalate	18.41	149	532156	37.929	ng		100
75) Fluoranthene	19.52	202	558702	38.748	ng		100
77) Benzidine	19.70	184	156344	19.719	ng		99
78) Pyrene	19.88	202	564931	38.240	ng		97
80) Butylbenzylphthalate	20.75	149	243567	37.701	ng		97
81) Benzo(a)anthracene	21.73	228	537069	39.332	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	105489	19.832	ng		98
83) Chrysene	21.80	228	491529	37.623	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	343414	37.273	ng		100
85) Di-n-octyl phthalate	22.84	149	590462	39.614	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	547425	37.727	ng		99
88) Benzo(b)fluoranthene	24.01	252	512146	38.531	ng		99
89) Benzo(k)fluoranthene	24.08	252	517309	39.442	ng		100
90) Benzo(a)pyrene	24.92	252	511563	40.272	ng		99
91) Dibenzo(a,h)anthracene	28.95	278	446516	36.533	ng		99
92) Benzo(g,h,i)perylene	30.08	276	440037	36.209	ng		99

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

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