Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038167.D
Acq On : 27 Nov 2018 15:01
Operator : JU/SJ
Sample : PB115084BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115084BS

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:24 PM

Quant Time: Nov 27 15:43:49 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	8.09	152	39857	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	176467	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	112633	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	267779	20.00	ng		0.00
76) Chrysene-d12	21.76	240	247487	20.00	ng		0.00
87) Perylene-d12	25.09	264	239233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	358615	155.35	ng		0.00
7) Phenol-d6	7.24	99	478140	145.10	ng		0.00
23) Nitrobenzene-d5	9.27	82	230527	69.93	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	174769	136.05	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	499654	64.63	ng		0.00
79) Terphenyl-d14	20.07	244	792744	75.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	38812	35.595	ng		99
3) Pyridine	3.92	79	107429	34.539	ng		98
4) n-Nitrosodimethylamine	3.84	42	58619	51.947	ng	#	87
6) Aniline	7.41	93	153888	36.184	ng		95
8) 2-Chlorophenol	7.65	128	130986	48.901	ng		97
9) Benzaldehyde	7.23	77	59469	24.956	ng		98
10) Phenol	7.27	94	174247	49.923	ng		96
11) bis(2-Chloroethyl)ether	7.51	93	124886	43.828	ng		98
12) 1,3-Dichlorobenzene	7.97	146	130556	42.309	ng		100
13) 1,4-Dichlorobenzene	8.12	146	135433	43.448	ng		98
14) 1,2-Dichlorobenzene	8.44	146	127459	42.829	ng		99
15) Benzyl Alcohol	8.33	79	120123	50.379	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.60	45	261813	49.481	ng		97
17) 2-Methylphenol	8.52	107	120001	50.853	ng		97
18) Hexachloroethane	9.17	117	50067	44.134	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	102270	42.893	ng	#	98
20) 3+4-Methylphenols	8.85	107	162373	48.539	ng		98
22) Acetophenone	8.92	105	193626	44.100	ng	#	100
24) Nitrobenzene	9.31	77	157590	46.731	ng		98
25) Isophorone	9.82	82	288520	48.625	ng		96
26) 2-Nitrophenol	10.02	139	75555	44.879	ng		96
27) 2,4-Dimethylphenol	10.06	122	135238	53.316	ng		98
28) bis(2-Chloroethoxy)methane	10.31	93	175815	46.338	ng		98
29) 2,4-Dichlorophenol	10.55	162	136669	47.902	ng		99
30) 1,2,4-Trichlorobenzene	10.76	180	138818	43.419	ng		97
31) Naphthalene	10.96	128	408374	47.050	ng		99
32) Benzoic acid	10.21	122	68489	43.492	ng		93
33) 4-Chloroaniline	11.07	127	114344	28.321	ng		98
34) Hexachlorobutadiene	11.22	225	83982	42.680	ng		96
35) Caprolactam	11.86	113	50996m	44.655	ng		
36) 4-Chloro-3-methylphenol	12.17	107	148128	47.522	ng		95
37) 2-Methylnaphthalene	12.56	142	298782	47.924	ng		98
38) 1-Methylnaphthalene	12.77	142	285994	47.656	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	155339	41.273	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	182109	90.360	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	112455	43.847	ng		100
44) 2,4,5-Trichlorophenol	13.23	196	120693	44.725	ng		97
46) 1,1'-Biphenyl	13.55	154	382301	40.402	ng		99
47) 2-Chloronaphthalene	13.61	162	304352	42.150	ng		99
48) 2-Nitroaniline	13.82	65	109391	48.136	ng		97
49) Acenaphthylene	14.45	152	503235	46.346	ng		99
50) Dimethylphthalate	14.17	163	391874	43.887	ng		99
51) 2,6-Dinitrotoluene	14.31	165	91448	45.250	ng		96
52) Acenaphthene	14.79	154	288670	44.160	ng		99
53) 3-Nitroaniline	14.64	138	78893	35.378	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	80403	74.446	ng		87
55) Dibenzofuran	15.12	168	468198	43.315	ng		98
56) 4-Nitrophenol	14.93	139	151849	88.289	ng		93
57) 2,4-Dinitrotoluene	15.09	165	128602	46.770	ng		98
58) Fluorene	15.77	166	378131	46.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	107936	47.800	ng		97
60) Diethylphthalate	15.53	149	408561	43.078	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	195465	41.421	ng		99
62) 4-Nitroaniline	15.80	138	100640	45.429	ng		97
63) Azobenzene	16.05	77	386505	45.579	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	68673	40.546	ng		90
66) n-Nitrosodiphenylamine	15.97	169	343959	42.459	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	123459	42.006	ng		95
68) Hexachlorobenzene	16.77	284	128242	42.272	ng		99
69) Atrazine	16.91	200	130780	43.793	ng		99
70) Pentachlorophenol	17.11	266	153866	74.677	ng		96
71) Phenanthrene	17.51	178	628245	45.824	ng		99
72) Anthracene	17.61	178	642489	47.541	ng		98
73) Carbazole	17.88	167	589807	43.500	ng		100
74) Di-n-butylphthalate	18.41	149	703614	46.228	ng		98
75) Fluoranthene	19.52	202	757119	48.403	ng		100
77) Benzidine	19.71	184	287365	33.091	ng		99
78) Pyrene	19.89	202	749797	46.338	ng		99
80) Butylbenzylphthalate	20.75	149	328151	46.374	ng		99
81) Benzo(a)anthracene	21.74	228	709436	47.435	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	198686	34.104	ng		99
83) Chrysene	21.81	228	657776	45.968	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	464199	46.000	ng		98
85) Di-n-octyl phthalate	22.84	149	791276	48.468	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	754639	47.483	ng	#	91
88) Benzo(b)fluoranthene	24.02	252	695699	52.844	ng		100
89) Benzo(k)fluoranthene	24.09	252	680562	52.389	ng		99
90) Benzo(a)pyrene	24.93	252	685573	54.490	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	616510	50.927	ng		97
92) Benzo(g,h,i)perylene	30.11	276	604607	50.230	ng		97

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

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