Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037293.D
Acq On : 12 Oct 2018 16:22
Operator : JU/SJ
Sample : PB113784BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113784BS

Manual Integrations APPROVED
Sohil
10/15/2018 12:59:07 PM

Quant Time: Oct 12 18:41:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	50731	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	228688	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	154486	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	390219	20.00	ng		-0.01
76) Chrysene-d12	21.79	240	366764	20.00	ng		-0.01
87) Perylene-d12	25.14	264	384604	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	441753	153.25	ng		0.00
7) Phenol-d6	7.26	99	617906	141.23	ng		0.00
23) Nitrobenzene-d5	9.29	82	303608	87.28	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	224125	147.93	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	793630	77.15	ng		0.00
79) Terphenyl-d14	20.10	244	1065906	61.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	56372	34.820	ng		95
3) Pyridine	3.94	79	143657	37.373	ng		97
4) n-Nitrosodimethylamine	3.86	42	60940	40.825	ng		90
6) Aniline	7.44	93	202712	35.393	ng		97
8) 2-Chlorophenol	7.68	128	156487	46.384	ng		96
9) Benzaldehyde	7.26	77	89750	29.794	ng		98
10) Phenol	7.29	94	211384	45.872	ng		99
11) bis(2-Chloroethyl)ether	7.54	93	144457	38.372	ng		97
12) 1,3-Dichlorobenzene	8.00	146	157704	39.763	ng		97
13) 1,4-Dichlorobenzene	8.15	146	160081	39.867	ng		98
14) 1,2-Dichlorobenzene	8.47	146	152226	39.123	ng		98
15) Benzyl Alcohol	8.35	79	145543	42.526	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	268735	36.109	ng		97
17) 2-Methylphenol	8.55	107	144581	46.848	ng		98
18) Hexachloroethane	9.21	117	55825	40.733	ng		95
19) n-Nitroso-di-n-propylamine	8.92	70	122165	36.879	ng		97
20) 3+4-Methylphenols	8.88	107	200044	46.358	ng		98
22) Acetophenone	8.95	105	230722	40.023	ng	#	96
24) Nitrobenzene	9.34	77	168201	45.147	ng		96
25) Isophorone	9.85	82	349636	44.031	ng		98
26) 2-Nitrophenol	10.05	139	65776	47.612	ng		98
27) 2,4-Dimethylphenol	10.09	122	172551	51.988	ng		99
28) bis(2-Chloroethoxy)methane	10.34	93	210597	42.390	ng		97
29) 2,4-Dichlorophenol	10.58	162	167301	49.656	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	162513	39.639	ng		95
31) Naphthalene	10.99	128	481881	43.358	ng		100
32) Benzoic acid	10.21	122	98835	53.929	ng		96
33) 4-Chloroaniline	11.10	127	132868	25.485	ng		95
34) Hexachlorobutadiene	11.26	225	94245	37.017	ng		99
35) Caprolactam	11.88	113	65975m	48.033	ng		
36) 4-Chloro-3-methylphenol	12.20	107	187952	47.235	ng		96
37) 2-Methylnaphthalene	12.59	142	367023	45.251	ng		100
38) 1-Methylnaphthalene	12.81	142	351181	44.332	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	187311	37.441	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	208846	101.261 ng	99
43) 2,4,6-Trichlorophenol	13.18	196	140405	48.378 ng	99
44) 2,4,5-Trichlorophenol	13.25	196	154438	49.457 ng	94
46) 1,1'-Biphenyl	13.59	154	485460	38.200 ng	100
47) 2-Chloronaphthalene	13.64	162	373161	38.874 ng	99
48) 2-Nitroaniline	13.84	65	116031	45.019 ng	92
49) Acenaphthylene	14.48	152	636883	43.371 ng	100
50) Dimethylphthalate	14.21	163	522300	43.021 ng	99
51) 2,6-Dinitrotoluene	14.33	165	109148	46.455 ng	95
52) Acenaphthene	14.82	154	369671	40.756 ng	100
53) 3-Nitroaniline	14.66	138	86687	34.127 ng	98
54) 2,4-Dinitrophenol	14.86	184	70112	115.411 ng	95
55) Dibenzofuran	15.15	168	599719	40.748 ng	99
56) 4-Nitrophenol	14.95	139	202945	102.496 ng	98
57) 2,4-Dinitrotoluene	15.11	165	146521	48.969 ng	99
58) Fluorene	15.80	166	487209	43.770 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	137032	49.566 ng	99
60) Diethylphthalate	15.56	149	534622	42.491 ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	255631	39.289 ng	98
62) 4-Nitroaniline	15.82	138	124680	46.764 ng	97
63) Azobenzene	16.08	77	494192	40.967 ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	54644	45.142 ng	99
66) n-Nitrosodiphenylamine	16.00	169	456429	39.830 ng	97
67) 4-Bromophenyl-phenylether	16.69	248	163502	38.823 ng	99
68) Hexachlorobenzene	16.79	284	167974	38.469 ng	100
69) Atrazine	16.94	200	184249	43.259 ng	99
70) Pentachlorophenol	17.14	266	210588	74.751 ng	96
71) Phenanthrene	17.54	178	838216	42.198 ng	100
72) Anthracene	17.63	178	851497	43.796 ng	99
73) Carbazole	17.90	167	804255	40.148 ng	100
74) Di-n-butylphthalate	18.45	149	947532	44.131 ng	99
75) Fluoranthene	19.55	202	1022673	44.050 ng	100
77) Benzidine	19.73	184	518175	36.931 ng	99
78) Pyrene	19.91	202	1005811	42.078 ng	99
80) Butylbenzylphthalate	20.79	149	426696	45.881 ng	97
81) Benzo(a)anthracene	21.77	228	945146	43.028 ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	235366	27.777 ng	100
83) Chrysene	21.84	228	874462	41.734 ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	597895	44.771 ng	99
85) Di-n-octyl phthalate	22.91	149	1003617	46.302 ng	99
86) Indeno(1,2,3-cd)pyrene	28.98	276	1046855	45.074 ng	98
88) Benzo(b)fluoranthene	24.07	252	938146	44.866 ng	98
89) Benzo(k)fluoranthene	24.14	252	900762	43.656 ng	98
90) Benzo(a)pyrene	24.98	252	915510	45.660 ng	99
91) Dibenzo(a,h)anthracene	29.07	278	853957	44.512 ng	95
92) Benzo(g,h,i)perylene	30.20	276	873322	45.578 ng	99

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

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