Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039425.D
Acq On : 8 Feb 2019 21:12
Operator : JU/SJ
Sample : PB116948BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116948BS

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:51 AM

Quant Time: Feb 09 00:32:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	50328	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	219190	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	141001	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	345074	20.00	ng		-0.01
76) Chrysene-d12	21.84	240	366208	20.00	ng		-0.01
87) Perylene-d12	25.22	264	378861	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	473734	161.10	ng		0.00
7) Phenol-d6	7.31	99	668500	154.44	ng		0.00
23) Nitrobenzene-d5	9.35	82	319089	90.94	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	244687	161.15	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	778644	79.22	ng		-0.01
79) Terphenyl-d14	20.13	244	1369647	79.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	47873	37.218	ng		93
3) Pyridine	4.00	79	129284	37.963	ng		96
4) n-Nitrosodimethylamine	3.93	42	70746	41.538	ng		85
6) Aniline	7.50	93	165292	30.487	ng		98
8) 2-Chlorophenol	7.73	128	144091	44.828	ng		99
9) Benzaldehyde	7.31	77	75935	33.527	ng		97
10) Phenol	7.34	94	201750	44.714	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	140548	39.420	ng		98
12) 1,3-Dichlorobenzene	8.06	146	152764	39.232	ng		99
13) 1,4-Dichlorobenzene	8.21	146	158624	40.871	ng		96
14) 1,2-Dichlorobenzene	8.53	146	149540	39.801	ng		98
15) Benzyl Alcohol	8.41	79	138049	40.624	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	277524	34.469	ng		99
17) 2-Methylphenol	8.60	107	130671	44.752	ng		98
18) Hexachloroethane	9.26	117	55454	41.530	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	113171	36.838	ng		95
20) 3+4-Methylphenols	8.93	107	177090	44.043	ng		96
22) Acetophenone	9.00	105	215850	36.661	ng	#	95
24) Nitrobenzene	9.39	77	168613	44.483	ng		95
25) Isophorone	9.91	82	316357	40.689	ng		99
26) 2-Nitrophenol	10.10	139	79478	52.099	ng		94
27) 2,4-Dimethylphenol	10.14	122	152162	48.379	ng		95
28) bis(2-Chloroethoxy)methane	10.39	93	195090	40.737	ng		99
29) 2,4-Dichlorophenol	10.63	162	158630	46.147	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	162422	42.086	ng		95
31) Naphthalene	11.04	128	457918	42.112	ng		99
32) Benzoic acid	10.26	122	83809m	42.066	ng		
33) 4-Chloroaniline	11.16	127	95658	18.973	ng		98
34) Hexachlorobutadiene	11.31	225	102412	39.903	ng		95
35) Caprolactam	11.94	113	52752m	37.085	ng		
36) 4-Chloro-3-methylphenol	12.25	107	166334	41.840	ng		99
37) 2-Methylnaphthalene	12.64	142	344385	42.761	ng		96
38) 1-Methylnaphthalene	12.85	142	329624	42.458	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	188007	41.907	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	254836	104.244	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	126359	45.809	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	134616	46.564	ng		97
46) 1,1'-Biphenyl	13.64	154	459989	39.209	ng		100
47) 2-Chloronaphthalene	13.68	162	354004	40.112	ng		97
48) 2-Nitroaniline	13.89	65	115136	45.861	ng		98
49) Acenaphthylene	14.53	152	569618	42.774	ng		100
50) Dimethylphthalate	14.25	163	451558	39.653	ng		100
51) 2,6-Dinitrotoluene	14.38	165	100229	47.217	ng		94
52) Acenaphthene	14.86	154	345774	40.000	ng		97
53) 3-Nitroaniline	14.70	138	72000	33.361	ng	#	95
54) 2,4-Dinitrophenol	14.91	184	106710	100.644	ng		94
55) Dibenzofuran	15.20	168	554601	40.016	ng		99
56) 4-Nitrophenol	14.99	139	180429	87.076	ng		90
57) 2,4-Dinitrotoluene	15.16	165	142092	51.448	ng	#	84
58) Fluorene	15.84	166	442929	42.870	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	132892	49.094	ng		98
60) Diethylphthalate	15.60	149	459886	39.059	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	233652	39.939	ng		97
62) 4-Nitroaniline	15.87	138	109531	46.054	ng		95
63) Azobenzene	16.12	77	417841	36.308	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	71439	51.177	ng		97
66) n-Nitrosodiphenylamine	16.04	169	408649	38.947	ng		96
67) 4-Bromophenyl-phenylether	16.73	248	152820	39.919	ng		94
68) Hexachlorobenzene	16.83	284	156927	40.857	ng		96
69) Atrazine	16.98	200	163286	42.585	ng		100
70) Pentachlorophenol	17.18	266	202656	75.917	ng		99
71) Phenanthrene	17.58	178	748046	41.884	ng		98
72) Anthracene	17.68	178	765914	43.537	ng		99
73) Carbazole	17.95	167	677152	38.569	ng		99
74) Di-n-butylphthalate	18.48	149	824302	40.245	ng		99
75) Fluoranthene	19.59	202	919352	44.349	ng		99
77) Benzidine	19.76	184	457652	38.118	ng		100
78) Pyrene	19.94	202	928474	40.727	ng		99
80) Butylbenzylphthalate	20.81	149	393056	40.872	ng		95
81) Benzo(a)anthracene	21.81	228	924997	42.747	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	195969	24.424	ng		99
83) Chrysene	21.88	228	858301	41.667	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	547174	39.882	ng		99
85) Di-n-octyl phthalate	22.95	149	934384	41.223	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1031575	46.676	ng		97
88) Benzo(b)fluoranthene	24.13	252	912910	44.184	ng		97
89) Benzo(k)fluoranthene	24.20	252	872917	42.081	ng		100
90) Benzo(a)pyrene	25.06	252	885551	44.503	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	826264	44.340	ng		99
92) Benzo(g,h,i)perylene	30.34	276	854998	46.032	ng		99

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

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