Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039101.D
Acq On : 12 Jan 2019 1:19
Operator : JU/SJ
Sample : K1102-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPSB-14(15-20)MSD

Manual Integrations APPROVED
Sohil
1/17/2019 4:56:20 PM

Quant Time: Jan 12 03:17:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28829	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	131824	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	102911	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	234612	20.00	ng		0.00
76) Chrysene-d12	21.69	240	197416	20.00	ng		-0.01
87) Perylene-d12	24.97	264	213625	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	225284	148.24	ng		0.00
7) Phenol-d6	7.19	99	339902	155.41	ng		0.00
23) Nitrobenzene-d5	9.20	82	194959	80.93	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	185823	107.72	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	538969	71.67	ng		0.00
79) Terphenyl-d14	20.02	244	791578	74.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	18763	31.528	ng		96
3) Pyridine	3.86	79	58580	36.225	ng		84
4) n-Nitrosodimethylamine	3.78	42	31602	43.428	ng		94
6) Aniline	7.36	93	45563	17.347	ng		100
8) 2-Chlorophenol	7.59	128	88161	49.212	ng		98
9) Benzaldehyde	7.17	77	28918	22.927	ng		93
10) Phenol	7.22	94	124257	56.668	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	73707	43.981	ng		99
12) 1,3-Dichlorobenzene	7.91	146	83469	38.888	ng		96
13) 1,4-Dichlorobenzene	8.06	146	85924	39.527	ng		99
14) 1,2-Dichlorobenzene	8.38	146	82040	39.583	ng		97
15) Benzyl Alcohol	8.27	79	79791	48.445	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	131181	40.821	ng		98
17) 2-Methylphenol	8.47	107	79695	52.342	ng		96
18) Hexachloroethane	9.10	117	28927	39.170	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	68267	47.533	ng	#	87
20) 3+4-Methylphenols	8.80	107	114451	52.723	ng		96
22) Acetophenone	8.85	105	136313	39.596	ng		95
24) Nitrobenzene	9.25	77	98833	40.588	ng		96
25) Isophorone	9.76	82	203076	48.937	ng		96
26) 2-Nitrophenol	9.96	139	55321	42.002	ng		97
27) 2,4-Dimethylphenol	10.01	122	101360	54.701	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	117360	47.056	ng		96
29) 2,4-Dichlorophenol	10.49	162	108539	47.150	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	103093	37.272	ng		99
31) Naphthalene	10.89	128	286538	43.339	ng		100
32) Benzoic acid	10.17	122	21262	24.432	ng		98
33) 4-Chloroaniline	11.02	127	32013	10.821	ng		97
34) Hexachlorobutadiene	11.15	225	65283	34.302	ng		99
35) Caprolactam	11.80	113	38211m	41.394	ng		
36) 4-Chloro-3-methylphenol	12.13	107	118506	48.131	ng		89
37) 2-Methylnaphthalene	12.49	142	238740	48.163	ng		98
38) 1-Methylnaphthalene	12.72	142	220201	46.281	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	142467	36.862	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	126900	59.854	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	103602	42.591	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	111161	43.238	ng		96
46) 1,1'-Biphenyl	13.50	154	320313	39.281	ng		99
47) 2-Chloronaphthalene	13.55	162	252100	38.204	ng		97
48) 2-Nitroaniline	13.76	65	74966	40.551	ng		96
49) Acenaphthylene	14.40	152	438629	44.224	ng		100
50) Dimethylphthalate	14.12	163	483968	55.651	ng		99
51) 2,6-Dinitrotoluene	14.25	165	84069	43.239	ng		93
52) Acenaphthene	14.73	154	244844	41.087	ng		97
53) 3-Nitroaniline	14.59	138	23671	12.001	ng		100
54) 2,4-Dinitrophenol	14.79	184	45395	41.809	ng		95
55) Dibenzofuran	15.07	168	417172	39.637	ng		99
56) 4-Nitrophenol	14.90	139	104628	73.725	ng		85
57) 2,4-Dinitrotoluene	15.04	165	112668	40.391	ng		97
58) Fluorene	15.71	166	322590	40.720	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98728	40.681	ng		98
60) Diethylphthalate	15.47	149	350514	39.120	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	181295	36.324	ng		99
62) 4-Nitroaniline	15.75	138	70152	34.142	ng		97
63) Azobenzene	15.99	77	305209	43.558	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	48428	27.862	ng		99
66) n-Nitrosodiphenylamine	15.92	169	292821	42.102	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	121969	40.443	ng		95
68) Hexachlorobenzene	16.71	284	127824	38.842	ng		97
69) Atrazine	16.86	200	113172	38.303	ng		97
70) Pentachlorophenol	17.06	266	106219	54.253	ng		98
71) Phenanthrene	17.46	178	530147	42.751	ng		99
72) Anthracene	17.55	178	539170	43.974	ng		100
73) Carbazole	17.83	167	442068	36.523	ng		99
74) Di-n-butylphthalate	18.36	149	585057	43.449	ng		99
75) Fluoranthene	19.47	202	622536	40.495	ng		98
77) Benzidine	19.65	184	159035	26.338	ng		98
78) Pyrene	19.83	202	597120	47.462	ng		98
80) Butylbenzylphthalate	20.69	149	216894	45.327	ng		99
81) Benzo(a)anthracene	21.67	228	533513	44.394	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	86655	17.697	ng	#	98
83) Chrysene	21.74	228	487781	42.676	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	313986	47.258	ng		96
85) Di-n-octyl phthalate	22.75	149	540762	48.134	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	601016	44.006	ng	#	94
88) Benzo(b)fluoranthene	23.92	252	521977	44.313	ng		99
89) Benzo(k)fluoranthene	23.99	252	515438	44.257	ng		97
90) Benzo(a)pyrene	24.81	252	506775	44.510	ng		98
91) Dibenzo(a,h)anthracene	28.78	278	502698	44.389	ng		98
92) Benzo(g,h,i)perylene	29.91	276	505384	45.077	ng	#	96

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

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