Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
Data File : BG039307.D
Acq On : 26 Jan 2019 11:42
Operator : JU/SJ
Sample : PB116618BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116618BS

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:10 AM

Quant Time: Jan 28 04:17:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	13312	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	52646	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	38861	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	109647	20.00	ng	0.00
76) Chrysene-d12	21.67	240	117610	20.00	ng	-0.01
87) Perylene-d12	24.92	264	124042	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	60168	85.74	ng	0.00
7) Phenol-d6	7.17	99	108291	107.23	ng	0.00
23) Nitrobenzene-d5	9.18	82	69865	72.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	46048	70.69	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	195907	68.99	ng	0.00
79) Terphenyl-d14	20.00	244	376971	59.29	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	7797	28.373	ng	# 80
3) Pyridine	3.84	79	22469	30.091	ng	98
4) n-Nitrosodimethylamine	3.76	42	14334	42.659	ng	96
6) Aniline	7.33	93	20973	17.292	ng	98
8) 2-Chlorophenol	7.57	128	33109	40.025	ng	98
9) Benzaldehyde	7.15	77	8500	14.595	ng	91
10) Phenol	7.19	94	56510	55.812	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	29866	38.594	ng	98
12) 1,3-Dichlorobenzene	7.89	146	32525	32.817	ng	96
13) 1,4-Dichlorobenzene	8.04	146	33775	33.649	ng	100
14) 1,2-Dichlorobenzene	8.35	146	32782	34.253	ng	93
15) Benzyl Alcohol	8.25	79	28424	37.374	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	53559	36.094	ng	98
17) 2-Methylphenol	8.45	107	27326	38.867	ng	97
18) Hexachloroethane	9.08	117	11955	35.058	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	21720	32.751	ng	# 96
20) 3+4-Methylphenols	8.78	107	37315	37.226	ng	98
22) Acetophenone	8.84	105	46391	33.742	ng	# 97
24) Nitrobenzene	9.22	77	34017	34.980	ng	95
25) Isophorone	9.74	82	65292	39.397	ng	97
26) 2-Nitrophenol	9.94	139	18272	34.737	ng	# 88
27) 2,4-Dimethylphenol	9.98	122	31751	42.906	ng	88
28) bis(2-Chloroethoxy)methane	10.22	93	37325	37.474	ng	99
29) 2,4-Dichlorophenol	10.47	162	36398	39.591	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	38592	34.937	ng	93
31) Naphthalene	10.87	128	99221	37.578	ng	99
32) Benzoic acid	10.18	122	5459m	19.081	ng	
33) 4-Chloroaniline	11.00	127	11989	10.147	ng	98
34) Hexachlorobutadiene	11.13	225	25727	33.848	ng	93
35) Caprolactam	11.77	113	12657m	34.333	ng	
36) 4-Chloro-3-methylphenol	12.11	107	39757	40.432	ng	95
37) 2-Methylnaphthalene	12.47	142	78306	39.556	ng	98
38) 1-Methylnaphthalene	12.69	142	76556m	40.290	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	49568	33.963	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	52510	65.038	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	32664	35.560	ng		93
44) 2,4,5-Trichlorophenol	13.16	196	37452	38.578	ng		97
46) 1,1'-Biphenyl	13.48	154	104419	33.910	ng		99
47) 2-Chloronaphthalene	13.53	162	85953	34.494	ng		99
48) 2-Nitroaniline	13.74	65	26501	37.962	ng		98
49) Acenaphthylene	14.37	152	143169	38.226	ng		100
50) Dimethylphthalate	14.10	163	123978	37.753	ng		99
51) 2,6-Dinitrotoluene	14.23	165	27028	36.813	ng		98
52) Acenaphthene	14.71	154	80153	35.619	ng		95
53) 3-Nitroaniline	14.57	138	10229	13.734	ng		97
54) 2,4-Dinitrophenol	14.78	184	15639	38.615	ng		98
55) Dibenzofuran	15.05	168	142912	35.959	ng		99
56) 4-Nitrophenol	14.88	139	38664	72.147	ng		95
57) 2,4-Dinitrotoluene	15.02	165	39096	37.116	ng		97
58) Fluorene	15.69	166	114354	38.226	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	36778	40.132	ng	#	93
60) Diethylphthalate	15.45	149	125683	37.146	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	65430	34.717	ng		100
62) 4-Nitroaniline	15.73	138	28188	36.330	ng		93
63) Azobenzene	15.98	77	96930	36.633	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	20678	25.455	ng		97
66) n-Nitrosodiphenylamine	15.90	169	108379	33.342	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	45722	32.439	ng		96
68) Hexachlorobenzene	16.69	284	49018	31.872	ng		96
69) Atrazine	16.84	200	48763	35.314	ng		99
70) Pentachlorophenol	17.04	266	39798	44.645	ng		99
71) Phenanthrene	17.44	178	212508	36.667	ng		100
72) Anthracene	17.53	178	213453	37.250	ng		99
73) Carbazole	17.81	167	193659	34.235	ng		100
74) Di-n-butylphthalate	18.33	149	227906	36.215	ng		99
75) Fluoranthene	19.45	202	272817	37.972	ng		98
77) Benzidine	19.64	184	48854	13.581	ng		99
78) Pyrene	19.81	202	276351	36.871	ng		98
80) Butylbenzylphthalate	20.68	149	101004	35.432	ng		99
81) Benzo(a)anthracene	21.65	228	278910	38.957	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	44690	15.320	ng		99
83) Chrysene	21.72	228	260861	38.309	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	149660	37.810	ng		97
85) Di-n-octyl phthalate	22.72	149	244741	36.567	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	400769	49.256	ng	#	93
88) Benzo(b)fluoranthene	23.88	252	264922	38.733	ng		100
89) Benzo(k)fluoranthene	23.95	252	265453	39.253	ng		99
90) Benzo(a)pyrene	24.77	252	259606	39.268	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	334218	50.825	ng		99
92) Benzo(g,h,i)perylene	29.84	276	327318	50.279	ng	#	92

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

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