Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039123.D
Acq On : 14 Jan 2019 16:32
Operator : JU/SJ
Sample : PB116353BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116353BS

Manual Integrations APPROVED
Sohil
1/15/2019 12:18:50 PM

Quant Time: Jan 14 23:04:23 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	22223	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	101717	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	76100	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	190652	20.00	ng		0.00
76) Chrysene-d12	21.70	240	198346	20.00	ng		0.00
87) Perylene-d12	24.97	264	177697	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	171328	146.25	ng		0.00
7) Phenol-d6	7.19	99	235592	139.74	ng		0.00
23) Nitrobenzene-d5	9.20	82	119180	64.11	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	140997	110.53	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	347585	62.51	ng		0.00
79) Terphenyl-d14	20.02	244	711685	66.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	22394	48.814	ng	#	92
3) Pyridine	3.86	79	39496	31.684	ng		97
4) n-Nitrosodimethylamine	3.78	42	26906	47.966	ng		99
6) Aniline	7.35	93	73409	36.256	ng		99
8) 2-Chlorophenol	7.59	128	72756	52.686	ng		97
9) Benzaldehyde	7.17	77	5940	6.109	ng		87
10) Phenol	7.21	94	91738	54.274	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	56816	43.980	ng		99
12) 1,3-Dichlorobenzene	7.91	146	67124	40.570	ng		96
13) 1,4-Dichlorobenzene	8.06	146	70408	42.018	ng		99
14) 1,2-Dichlorobenzene	8.38	146	68131	42.643	ng		96
15) Benzyl Alcohol	8.27	79	65507	51.595	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	111066	44.836	ng		96
17) 2-Methylphenol	8.47	107	63366	53.989	ng		96
18) Hexachloroethane	9.10	117	23528	41.329	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	48659	43.951	ng	#	98
20) 3+4-Methylphenols	8.80	107	88155	52.681	ng		99
22) Acetophenone	8.86	105	103881	39.107	ng	#	99
24) Nitrobenzene	9.25	77	77628	41.316	ng		98
25) Isophorone	9.76	82	146307	45.692	ng		99
26) 2-Nitrophenol	9.96	139	43114	42.423	ng		92
27) 2,4-Dimethylphenol	10.00	122	73309	51.273	ng		90
28) bis(2-Chloroethoxy)methane	10.24	93	83631	43.458	ng		99
29) 2,4-Dichlorophenol	10.49	162	86360	48.619	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	84247	39.474	ng		99
31) Naphthalene	10.89	128	224541	44.014	ng		100
32) Benzoic acid	10.18	122	34897m	41.321	ng		
33) 4-Chloroaniline	11.01	127	68125	29.844	ng		97
34) Hexachlorobutadiene	11.15	225	57289	39.011	ng		98
35) Caprolactam	11.80	113	27406m	38.477	ng		
36) 4-Chloro-3-methylphenol	12.13	107	87251	45.926	ng		90
37) 2-Methylnaphthalene	12.49	142	176634	46.181	ng		98
38) 1-Methylnaphthalene	12.71	142	169867m	46.270	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	114532	40.074	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	107280	67.606	ng		96
43) 2,4,6-Trichlorophenol	13.11	196	77672	43.181	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	84200	44.289	ng		98
46) 1,1'-Biphenyl	13.50	154	237822	39.440	ng		99
47) 2-Chloronaphthalene	13.55	162	193538	39.662	ng		99
48) 2-Nitroaniline	13.76	65	58000	42.427	ng		95
49) Acenaphthylene	14.39	152	318084	43.369	ng		99
50) Dimethylphthalate	14.12	163	260539	40.514	ng		99
51) 2,6-Dinitrotoluene	14.26	165	58236	40.505	ng		97
52) Acenaphthene	14.73	154	182080	41.319	ng		96
53) 3-Nitroaniline	14.59	138	47125	32.310	ng	#	95
54) 2,4-Dinitrophenol	14.80	184	63698	74.499	ng		95
55) Dibenzofuran	15.07	168	316324	40.644	ng		99
56) 4-Nitrophenol	14.90	139	84412	80.435	ng		97
57) 2,4-Dinitrotoluene	15.04	165	83503	40.482	ng		97
58) Fluorene	15.71	166	253752	43.316	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	79965	44.559	ng		97
60) Diethylphthalate	15.47	149	261891	39.526	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	145175	39.335	ng		100
62) 4-Nitroaniline	15.76	138	61228	40.298	ng		97
63) Azobenzene	16.00	77	206292	39.814	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	52865	37.428	ng		96
66) n-Nitrosodiphenylamine	15.92	169	230822	40.840	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	100020	40.812	ng		99
68) Hexachlorobenzene	16.71	284	106756	39.920	ng		97
69) Atrazine	16.86	200	91567	38.137	ng		97
70) Pentachlorophenol	17.07	266	107904	66.372	ng		95
71) Phenanthrene	17.46	178	437467	43.411	ng		99
72) Anthracene	17.55	178	437729	43.932	ng		99
73) Carbazole	17.83	167	382453	38.883	ng		99
74) Di-n-butylphthalate	18.35	149	442174	40.410	ng		99
75) Fluoranthene	19.47	202	538004	43.066	ng		99
77) Benzidine	19.65	184	162791	26.834	ng		97
78) Pyrene	19.83	202	536288	42.427	ng		99
80) Butylbenzylphthalate	20.70	149	202695	42.161	ng		99
81) Benzo(a)anthracene	21.67	228	530615	43.946	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	162811	33.094	ng		96
83) Chrysene	21.74	228	494397	43.052	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	280536	42.025	ng		98
85) Di-n-octyl phthalate	22.75	149	479919	42.518	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	605848	44.152	ng	#	98
88) Benzo(b)fluoranthene	23.92	252	611926	62.453	ng		97
89) Benzo(k)fluoranthene	23.99	252	563725	58.190	ng		97
90) Benzo(a)pyrene	24.82	252	517857	54.680	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	508849	54.017	ng		100
92) Benzo(g,h,i)perylene	29.92	276	504326	54.078	ng		99

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

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