Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039259.D
Acq On : 23 Jan 2019 11:58
Operator : JU/SJ
Sample : PB116551BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116551BSD

Manual Integrations APPROVED
Sohil
1/24/2019 12:15:50 PM

Quant Time: Jan 23 12:39:07 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	8.01	152	16968	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	72313	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	47013	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	129883	20.00	ng		0.00
76) Chrysene-d12	21.67	240	130761	20.00	ng		-0.01
87) Perylene-d12	24.92	264	142165	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	134193	150.02	ng		0.00
7) Phenol-d6	7.17	99	176224	136.90	ng		0.00
23) Nitrobenzene-d5	9.18	82	98405	74.46	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	102961	130.65	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	294381	85.70	ng		0.00
79) Terphenyl-d14	20.00	244	566520	80.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	16104	45.975	ng		95
3) Pyridine	3.84	79	30376	31.915	ng		100
4) n-Nitrosodimethylamine	3.77	42	19867	46.386	ng		86
6) Aniline	7.33	93	46265	29.926	ng		98
8) 2-Chlorophenol	7.57	128	45145	42.816	ng		97
9) Benzaldehyde	7.15	77	11472	15.453	ng		93
10) Phenol	7.20	94	59029	45.738	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	36920	37.430	ng		97
12) 1,3-Dichlorobenzene	7.89	146	44075	34.889	ng		98
13) 1,4-Dichlorobenzene	8.04	146	49481	38.674	ng		99
14) 1,2-Dichlorobenzene	8.36	146	45175	37.032	ng		96
15) Benzyl Alcohol	8.25	79	39571	40.820	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	72969	38.579	ng		98
17) 2-Methylphenol	8.45	107	37524	41.873	ng		95
18) Hexachloroethane	9.08	117	16160	37.178	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	30350	35.904	ng	#	92
20) 3+4-Methylphenols	8.78	107	53160	41.607	ng		98
22) Acetophenone	8.84	105	64205	33.999	ng		98
24) Nitrobenzene	9.23	77	48457	36.277	ng		97
25) Isophorone	9.74	82	88015	38.664	ng		99
26) 2-Nitrophenol	9.94	139	25777	35.677	ng		94
27) 2,4-Dimethylphenol	9.99	122	43792	43.082	ng		89
28) bis(2-Chloroethoxy)methane	10.22	93	71612	52.344	ng		97
29) 2,4-Dichlorophenol	10.47	162	58119	46.024	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	59958	39.517	ng		99
31) Naphthalene	10.87	128	156975	43.282	ng		98
32) Benzoic acid	10.16	122	18414	33.105	ng		95
33) 4-Chloroaniline	10.99	127	39663	24.440	ng		98
34) Hexachlorobutadiene	11.13	225	38324	36.708	ng		96
35) Caprolactam	11.78	113	18682m	36.894	ng		
36) 4-Chloro-3-methylphenol	12.11	107	59376	43.962	ng		95
37) 2-Methylnaphthalene	12.47	142	111690	41.075	ng		98
38) 1-Methylnaphthalene	12.70	142	101326	38.823	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	69191	39.188	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	75301	76.031	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	56794	51.109	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	57268	48.760	ng		98
46) 1,1'-Biphenyl	13.48	154	157045	42.157	ng		99
47) 2-Chloronaphthalene	13.53	162	124211	41.204	ng		99
48) 2-Nitroaniline	13.74	65	37840	44.806	ng		97
49) Acenaphthylene	14.38	152	196195	43.300	ng		98
50) Dimethylphthalate	14.10	163	161113	40.554	ng		99
51) 2,6-Dinitrotoluene	14.24	165	36775	41.403	ng		100
52) Acenaphthene	14.71	154	114980	42.236	ng		97
53) 3-Nitroaniline	14.57	138	27469	30.486	ng		97
54) 2,4-Dinitrophenol	14.78	184	37566	71.364	ng		97
55) Dibenzofuran	15.05	168	196701	40.911	ng		99
56) 4-Nitrophenol	14.88	139	55402	85.454	ng		99
57) 2,4-Dinitrotoluene	15.02	165	53148	41.707	ng		95
58) Fluorene	15.69	166	154607	42.720	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	47800	43.115	ng		100
60) Diethylphthalate	15.45	149	170791	41.725	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	87675	38.453	ng		99
62) 4-Nitroaniline	15.74	138	37571	40.026	ng		96
63) Azobenzene	15.98	77	131610	41.115	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	33648	34.968	ng		94
66) n-Nitrosodiphenylamine	15.90	169	143071	37.158	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	62090	37.189	ng		95
68) Hexachlorobenzene	16.69	284	65599	36.007	ng		98
69) Atrazine	16.85	200	61232	37.435	ng		98
70) Pentachlorophenol	17.05	266	63229	57.900	ng		98
71) Phenanthrene	17.44	178	288929	42.086	ng		100
72) Anthracene	17.53	178	289054	42.584	ng		99
73) Carbazole	17.81	167	245938	36.703	ng		99
74) Di-n-butylphthalate	18.34	149	309374	41.502	ng		99
75) Fluoranthene	19.45	202	365926	42.996	ng		100
77) Benzidine	19.64	184	125393	31.352	ng		100
78) Pyrene	19.81	202	361423	43.371	ng		100
80) Butylbenzylphthalate	20.68	149	135741	42.828	ng		97
81) Benzo(a)anthracene	21.65	228	339473	42.647	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	88520	27.293	ng		99
83) Chrysene	21.72	228	317262	41.906	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	178680	40.602	ng		98
85) Di-n-octyl phthalate	22.73	149	326773	43.913	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	464216	51.316	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	389001	49.624	ng		99
89) Benzo(k)fluoranthene	23.95	252	357350	46.106	ng		99
90) Benzo(a)pyrene	24.77	252	349906	46.180	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	384433	51.009	ng		98
92) Benzo(g,h,i)perylene	29.85	276	382967	51.328	ng	#	94

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

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