Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039230.D
Acq On : 21 Jan 2019 12:44
Operator : JU/SJ
Sample : PB116511BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116511BS

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:13 AM

Quant Time: Jan 21 13:33:39 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	15602	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	65075	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	48213	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	130878	20.00	ng	0.00
76) Chrysene-d12	21.68	240	139013	20.00	ng	0.00
87) Perylene-d12	24.93	264	138469	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	131161	159.47	ng	0.00
7) Phenol-d6	7.18	99	179766	151.88	ng	0.00
23) Nitrobenzene-d5	9.19	82	94965	79.85	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	116157	143.73	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	273967	77.77	ng	0.00
79) Terphenyl-d14	20.00	244	599350	79.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	11066	34.358	ng	# 85
3) Pyridine	3.84	79	26482	30.259	ng	98
4) n-Nitrosodimethylamine	3.76	42	17912	45.483	ng	93
6) Aniline	7.34	93	44522	31.320	ng	100
8) 2-Chlorophenol	7.57	128	43226	44.585	ng	97
9) Benzaldehyde	7.15	77	7828	11.468	ng	97
10) Phenol	7.20	94	53745	45.290	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	34332	37.853	ng	98
12) 1,3-Dichlorobenzene	7.89	146	42780	36.829	ng	97
13) 1,4-Dichlorobenzene	8.04	146	43887	37.305	ng	97
14) 1,2-Dichlorobenzene	8.36	146	42768	38.128	ng	95
15) Benzyl Alcohol	8.25	79	38092	42.734	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70178	40.352	ng	99
17) 2-Methylphenol	8.45	107	36818	44.682	ng	96
18) Hexachloroethane	9.09	117	15121	37.834	ng	95
19) n-Nitroso-di-n-propylamine	8.81	70	30133	38.768	ng	92
20) 3+4-Methylphenols	8.78	107	51142	43.532	ng	99
22) Acetophenone	8.84	105	62439	36.741	ng	97
24) Nitrobenzene	9.23	77	46207	38.440	ng	99
25) Isophorone	9.74	82	86443	42.197	ng	99
26) 2-Nitrophenol	9.94	139	25635	39.427	ng	92
27) 2,4-Dimethylphenol	9.99	122	42644	46.619	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	49641	40.320	ng	95
29) 2,4-Dichlorophenol	10.47	162	50556	44.488	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	51197	37.496	ng	97
31) Naphthalene	10.87	128	132411	40.570	ng	99
32) Benzoic acid	10.16	122	21006m	39.437	ng	
33) 4-Chloroaniline	10.99	127	34708	23.766	ng	98
34) Hexachlorobutadiene	11.14	225	35112	37.372	ng	98
35) Caprolactam	11.78	113	17695m	38.831	ng	
36) 4-Chloro-3-methylphenol	12.11	107	52944	43.560	ng	91
37) 2-Methylnaphthalene	12.48	142	103244	42.192	ng	97
38) 1-Methylnaphthalene	12.70	142	97264	41.411	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	66383	36.662	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	71640	70.949	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	46872	41.130	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	52311	43.431	ng		99
46) 1,1'-Biphenyl	13.48	154	141337	36.996	ng		99
47) 2-Chloronaphthalene	13.53	162	115802	37.458	ng		99
48) 2-Nitroaniline	13.75	65	35212	40.656	ng		97
49) Acenaphthylene	14.37	152	187366	40.322	ng		99
50) Dimethylphthalate	14.10	163	162303	39.837	ng		100
51) 2,6-Dinitrotoluene	14.24	165	37308	40.958	ng		98
52) Acenaphthene	14.72	154	110417	39.550	ng		98
53) 3-Nitroaniline	14.57	138	25618	27.724	ng		100
54) 2,4-Dinitrophenol	14.79	184	49095	89.466	ng		97
55) Dibenzofuran	15.05	168	192530	39.047	ng		99
56) 4-Nitrophenol	14.89	139	58447	87.907	ng		99
57) 2,4-Dinitrotoluene	15.03	165	54470	41.681	ng	#	98
58) Fluorene	15.70	166	156458	42.155	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50842m	44.717	ng		
60) Diethylphthalate	15.46	149	171789	40.924	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	89954	38.471	ng		97
62) 4-Nitroaniline	15.74	138	36473	37.890	ng		99
63) Azobenzene	15.98	77	131139	39.949	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	35721	36.840	ng		96
66) n-Nitrosodiphenylamine	15.91	169	148226	38.204	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	61392	36.491	ng		99
68) Hexachlorobenzene	16.70	284	65531	35.696	ng		98
69) Atrazine	16.85	200	59329	35.995	ng		96
70) Pentachlorophenol	17.05	266	69279	62.451	ng		96
71) Phenanthrene	17.44	178	281387	40.676	ng		98
72) Anthracene	17.54	178	286928	41.949	ng		99
73) Carbazole	17.81	167	253231	37.504	ng		99
74) Di-n-butylphthalate	18.34	149	295919	39.395	ng		98
75) Fluoranthene	19.45	202	356592	41.581	ng		99
77) Benzidine	19.64	184	120131	28.254	ng		99
78) Pyrene	19.82	202	353568	39.910	ng		99
80) Butylbenzylphthalate	20.68	149	134706	39.979	ng		98
81) Benzo(a)anthracene	21.65	228	352616	41.669	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	94867	27.514	ng		97
83) Chrysene	21.72	228	325739	40.472	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	184924	39.526	ng		96
85) Di-n-octyl phthalate	22.73	149	320072	40.459	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	403575	41.964	ng	#	96
88) Benzo(b)fluoranthene	23.89	252	350561	45.914	ng		99
89) Benzo(k)fluoranthene	23.96	252	335471	44.439	ng		98
90) Benzo(a)pyrene	24.78	252	342438	46.401	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	336497	45.840	ng		98
92) Benzo(g,h,i)perylene	29.86	276	338218	46.541	ng		96

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

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