Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039219.D
Acq On : 18 Jan 2019 17:17
Operator : JU/SJ
Sample : PB116481BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116481BS

Manual Integrations APPROVED
Sohil
1/21/2019 12:11:37 PM

Quant Time: Jan 18 22:09:41 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	13667	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	58608	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43875	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	117512	20.00	ng	0.00
76) Chrysene-d12	21.67	240	118972	20.00	ng	0.00
87) Perylene-d12	24.94	264	123653	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	105318	146.18	ng	0.00
7) Phenol-d6	7.17	99	151137	145.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	84679	79.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	96719	131.51	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	251088	78.32	ng	0.00
79) Terphenyl-d14	20.01	244	521662	81.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	16256	57.618	ng	# 91
3) Pyridine	3.84	79	26421	34.464	ng	98
4) n-Nitrosodimethylamine	3.77	42	15994	46.363	ng	85
6) Aniline	7.34	93	39598	31.800	ng	99
8) 2-Chlorophenol	7.57	128	40034	47.139	ng	97
9) Benzaldehyde	7.15	77	11294	18.888	ng	88
10) Phenol	7.20	94	52900	50.889	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	32822	41.312	ng	96
12) 1,3-Dichlorobenzene	7.89	146	39471	38.791	ng	97
13) 1,4-Dichlorobenzene	8.04	146	39617	38.443	ng	98
14) 1,2-Dichlorobenzene	8.36	146	37685	38.354	ng	95
15) Benzyl Alcohol	8.25	79	32798	42.005	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	59404	38.993	ng	98
17) 2-Methylphenol	8.45	107	32465	44.977	ng	94
18) Hexachloroethane	9.08	117	14956	42.719	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	28490	41.844	ng	# 93
20) 3+4-Methylphenols	8.78	107	51501	50.044	ng	98
22) Acetophenone	8.84	105	58913	38.491	ng	# 96
24) Nitrobenzene	9.23	77	40879	37.760	ng	96
25) Isophorone	9.75	82	83203	45.097	ng	96
26) 2-Nitrophenol	9.94	139	23540	40.200	ng	97
27) 2,4-Dimethylphenol	9.99	122	41094	49.882	ng	86
28) bis(2-Chloroethoxy)methane	10.22	93	48607	43.836	ng	99
29) 2,4-Dichlorophenol	10.48	162	47119	46.039	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	48534	39.468	ng	98
31) Naphthalene	10.88	128	125654	42.747	ng	97
32) Benzoic acid	10.15	122	21837	44.063	ng	92
33) 4-Chloroaniline	11.00	127	29593	22.499	ng	96
34) Hexachlorobutadiene	11.13	225	32628	38.561	ng	95
35) Caprolactam	11.78	113	17030m	41.496	ng	
36) 4-Chloro-3-methylphenol	12.11	107	49840	45.531	ng	91
37) 2-Methylnaphthalene	12.48	142	96882	43.961	ng	99
38) 1-Methylnaphthalene	12.70	142	95813m	45.295	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	64231	38.981	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	72976	78.733	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	46497	44.835	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	49246	44.929	ng		97
46) 1,1'-Biphenyl	13.48	154	134787	38.770	ng		99
47) 2-Chloronaphthalene	13.53	162	106783	37.956	ng		99
48) 2-Nitroaniline	13.75	65	33584	42.610	ng		98
49) Acenaphthylene	14.38	152	177025	41.864	ng		99
50) Dimethylphthalate	14.10	163	148557	40.068	ng		100
51) 2,6-Dinitrotoluene	14.24	165	33878	40.870	ng		98
52) Acenaphthene	14.72	154	102418	40.312	ng		96
53) 3-Nitroaniline	14.57	138	23381	27.805	ng		94
54) 2,4-Dinitrophenol	14.78	184	43034	86.373	ng		95
55) Dibenzofuran	15.05	168	179954	40.105	ng		99
56) 4-Nitrophenol	14.88	139	52549	86.851	ng		99
57) 2,4-Dinitrotoluene	15.02	165	48442	40.733	ng	#	97
58) Fluorene	15.70	166	148400	43.938	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	46317	44.765	ng		99
60) Diethylphthalate	15.46	149	158489	41.489	ng		97
61) 4-Chlorophenyl-phenylether	15.68	204	83958	39.456	ng		97
62) 4-Nitroaniline	15.74	138	34642	39.546	ng		95
63) Azobenzene	15.98	77	127571	42.704	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	33296	38.245	ng		97
66) n-Nitrosodiphenylamine	15.90	169	138550	39.772	ng		96
67) 4-Bromophenyl-phenylether	16.58	248	57798	38.263	ng		98
68) Hexachlorobenzene	16.70	284	61536	37.333	ng		97
69) Atrazine	16.84	200	58520	39.543	ng		99
70) Pentachlorophenol	17.05	266	63700	63.814	ng		97
71) Phenanthrene	17.44	178	263584	42.436	ng		99
72) Anthracene	17.53	178	271120	44.147	ng		99
73) Carbazole	17.81	167	234800	38.729	ng		99
74) Di-n-butylphthalate	18.34	149	276319	40.970	ng		99
75) Fluoranthene	19.45	202	325307	42.247	ng		100
77) Benzidine	19.64	184	118895	32.673	ng		99
78) Pyrene	19.82	202	324245	42.765	ng		99
80) Butylbenzylphthalate	20.68	149	123659	42.882	ng		97
81) Benzo(a)anthracene	21.66	228	311916	43.068	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	72753	24.655	ng		96
83) Chrysene	21.72	228	297594	43.204	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	168995	42.206	ng		98
85) Di-n-octyl phthalate	22.73	149	294794	43.541	ng		100
86) Indeno(1,2,3-cd)pyrene	28.67	276	361480	43.918	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	310139	45.487	ng		99
89) Benzo(k)fluoranthene	23.96	252	301951	44.791	ng		98
90) Benzo(a)pyrene	24.78	252	293314	44.507	ng		98
91) Dibenzo(a,h)anthracene	28.73	278	298733	45.572	ng		100
92) Benzo(g,h,i)perylene	29.85	276	293820	45.276	ng		97

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

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