Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039582.D
Acq On : 21 Feb 2019 22:05
Operator : JU/SJ
Sample : PB117266BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117266BS

Manual Integrations APPROVED
Sohil
2/22/2019 9:23:02 AM

Quant Time: Feb 22 00:42:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	82698	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	374887	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	248316	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	578964	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	596640	20.00	ng	-0.01
87) Perylene-d12	25.21	264	567503	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	676921	140.09	ng	0.00
7) Phenol-d6	7.32	99	1025137	144.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	506366	84.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	421555	157.65	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1164315	67.26	ng	-0.02
79) Terphenyl-d14	20.13	244	1871434	66.39	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	84569	40.012	ng	94
3) Pyridine	4.01	79	252781	45.172	ng	93
4) n-Nitrosodimethylamine	3.93	42	127653	45.613	ng	91
6) Aniline	7.50	93	391333	43.926	ng	99
8) 2-Chlorophenol	7.74	128	237130	44.897	ng	95
9) Benzaldehyde	7.31	77	145871	41.506	ng	99
10) Phenol	7.35	94	328691	44.333	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	245505	41.906	ng	98
12) 1,3-Dichlorobenzene	8.06	146	262516	41.029	ng	99
13) 1,4-Dichlorobenzene	8.21	146	270431	42.405	ng	98
14) 1,2-Dichlorobenzene	8.52	146	259406	42.017	ng	99
15) Benzyl Alcohol	8.41	79	245091	43.893	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	488383	36.915	ng	98
17) 2-Methylphenol	8.60	107	216396	45.102	ng	98
18) Hexachloroethane	9.25	117	95414	43.487	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	207011	41.008	ng	95
20) 3+4-Methylphenols	8.93	107	304577	46.099	ng	99
22) Acetophenone	9.00	105	391598	38.887	ng	96
24) Nitrobenzene	9.39	77	305072	47.057	ng	95
25) Isophorone	9.91	82	599334	45.070	ng	99
26) 2-Nitrophenol	10.10	139	152150	56.600	ng	96
27) 2,4-Dimethylphenol	10.14	122	241718	44.934	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	346446	42.297	ng	97
29) 2,4-Dichlorophenol	10.63	162	273995	46.604	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	281373	42.628	ng	99
31) Naphthalene	11.04	128	807902	43.440	ng	98
32) Benzoic acid	10.30	122	164669	46.983	ng	99
33) 4-Chloroaniline	11.15	127	365312	42.363	ng	99
34) Hexachlorobutadiene	11.30	225	179400	40.869	ng	97
35) Caprolactam	11.95	113	95875m	39.408	ng	
36) 4-Chloro-3-methylphenol	12.26	107	295410	43.447	ng	93
37) 2-Methylnaphthalene	12.63	142	610353	44.310	ng	99
38) 1-Methylnaphthalene	12.85	142	584696	44.035	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	335967	42.524	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	376672	87.492	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	226783	46.685	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	245602	48.239	ng		97
46) 1,1'-Biphenyl	13.63	154	804061	38.918	ng		99
47) 2-Chloronaphthalene	13.68	162	629862	40.525	ng		98
48) 2-Nitroaniline	13.89	65	222039	49.432	ng		96
49) Acenaphthylene	14.53	152	976212	41.625	ng		99
50) Dimethylphthalate	14.24	163	807703	40.274	ng		100
51) 2,6-Dinitrotoluene	14.37	165	188017	49.867	ng		95
52) Acenaphthene	14.86	154	601958	39.542	ng		97
53) 3-Nitroaniline	14.71	138	189128	46.913	ng	#	92
54) 2,4-Dinitrophenol	14.91	184	129413	78.691	ng		97
55) Dibenzofuran	15.19	168	973387	39.880	ng		96
56) 4-Nitrophenol	15.01	139	297423	81.876	ng		89
57) 2,4-Dinitrotoluene	15.16	165	263678	53.791	ng	#	84
58) Fluorene	15.84	166	766993	42.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	235254	49.350	ng		96
60) Diethylphthalate	15.60	149	811616	39.142	ng		96
61) 4-Chlorophenyl-phenylether	15.82	204	413717	40.156	ng		98
62) 4-Nitroaniline	15.88	138	206617	49.031	ng		90
63) Azobenzene	16.12	77	735747	36.303	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	123665	52.316	ng		99
66) n-Nitrosodiphenylamine	16.04	169	702052	39.880	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	270066	42.047	ng		96
68) Hexachlorobenzene	16.83	284	278241	43.177	ng		95
69) Atrazine	16.98	200	170868	26.560	ng		98
70) Pentachlorophenol	17.18	266	325188	72.606	ng		98
71) Phenanthrene	17.58	178	1234806	41.208	ng		98
72) Anthracene	17.68	178	1259610	42.675	ng		97
73) Carbazole	17.95	167	1129631	38.349	ng		99
74) Di-n-butylphthalate	18.47	149	1336454	38.890	ng		98
75) Fluoranthene	19.58	202	1486457	42.738	ng		99
77) Benzidine	19.76	184	990139	50.618	ng		98
78) Pyrene	19.94	202	1482194	39.906	ng		97
80) Butylbenzylphthalate	20.81	149	663497	42.347	ng		95
81) Benzo(a)anthracene	21.81	228	1489201	42.241	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	539925	41.303	ng		99
83) Chrysene	21.88	228	1402646	41.794	ng		97
84) Bis(2-ethylhexyl)phthalate	21.68	149	919594	41.140	ng		96
85) Di-n-octyl phthalate	22.93	149	1558744	42.209	ng		97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1491647	41.426	ng	#	95
88) Benzo(b)fluoranthene	24.13	252	1453210	46.955	ng		98
89) Benzo(k)fluoranthene	24.20	252	1442574	46.426	ng		99
90) Benzo(a)pyrene	25.05	252	1446826	48.541	ng		98
91) Dibenzo(a,h)anthracene	29.18	278	1231495	44.118	ng		97
92) Benzo(g,h,i)perylene	30.33	276	1200578	43.152	ng		99

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

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