Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039638.D
Acq On : 27 Feb 2019 17:18
Operator : JU/SJ
Sample : PB117428BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117428BS

Manual Integrations APPROVED
Sohil
2/28/2019 1:32:05 PM

Quant Time: Feb 28 01:20:00 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	69678	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	298814	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	197622	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	493721	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	498853	20.00	ng	-0.02
87) Perylene-d12	25.20	264	487253	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	560787	137.75	ng	0.00
7) Phenol-d6	7.31	99	826777	137.97	ng	0.00
23) Nitrobenzene-d5	9.35	82	401825	84.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	354914	166.78	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	943088	68.46	ng	-0.02
79) Terphenyl-d14	20.13	244	1638380	69.52	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	71025	39.883	ng	95
3) Pyridine	4.01	79	208470	44.215	ng	96
4) n-Nitrosodimethylamine	3.93	42	101817	43.180	ng	85
6) Aniline	7.50	93	316109	42.113	ng	97
8) 2-Chlorophenol	7.73	128	190543	42.817	ng	98
9) Benzaldehyde	7.31	77	117611	39.025	ng	98
10) Phenol	7.34	94	263028	42.106	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	200742	40.668	ng	95
12) 1,3-Dichlorobenzene	8.05	146	220159	40.838	ng	95
13) 1,4-Dichlorobenzene	8.20	146	225250	41.920	ng	99
14) 1,2-Dichlorobenzene	8.52	146	213413	41.027	ng	99
15) Benzyl Alcohol	8.41	79	193213	41.068	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	391298	35.103	ng	99
17) 2-Methylphenol	8.60	107	173029	42.802	ng	93
18) Hexachloroethane	9.25	117	79565	43.040	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	161629	38.001	ng	91
20) 3+4-Methylphenols	8.93	107	239520	43.027	ng	98
22) Acetophenone	8.99	105	313696	39.082	ng	96
24) Nitrobenzene	9.39	77	242508	46.930	ng	95
25) Isophorone	9.91	82	469158	44.262	ng	99
26) 2-Nitrophenol	10.10	139	120418	56.307	ng	96
27) 2,4-Dimethylphenol	10.14	122	191774	44.726	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	276399	42.336	ng	97
29) 2,4-Dichlorophenol	10.63	162	211250	45.079	ng	97
30) 1,2,4-Trichlorobenzene	10.85	180	228813	43.490	ng	99
31) Naphthalene	11.04	128	645695	43.557	ng	99
32) Benzoic acid	10.28	122	133510	47.635	ng	96
33) 4-Chloroaniline	11.15	127	285925	41.599	ng	96
34) Hexachlorobutadiene	11.30	225	150109	42.902	ng	98
35) Caprolactam	11.94	113	78837m	40.654	ng	
36) 4-Chloro-3-methylphenol	12.25	107	234052	43.186	ng	99
37) 2-Methylnaphthalene	12.63	142	493138	44.915	ng	97
38) 1-Methylnaphthalene	12.85	142	459825	43.447	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	270194	42.971	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	323822	94.511	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	182808	47.286	ng		95
44) 2,4,5-Trichlorophenol	13.30	196	192903	47.608	ng		98
46) 1,1'-Biphenyl	13.63	154	636932	38.737	ng		98
47) 2-Chloronaphthalene	13.68	162	495000	40.018	ng		98
48) 2-Nitroaniline	13.88	65	176499	49.383	ng		96
49) Acenaphthylene	14.52	152	790456	42.351	ng		99
50) Dimethylphthalate	14.24	163	663743	41.586	ng		100
51) 2,6-Dinitrotoluene	14.37	165	152756	50.770	ng		98
52) Acenaphthene	14.86	154	488621	40.330	ng		97
53) 3-Nitroaniline	14.71	138	155629	48.309	ng	#	88
54) 2,4-Dinitrophenol	14.91	184	179430	113.120	ng		96
55) Dibenzofuran	15.19	168	790902	40.715	ng		98
56) 4-Nitrophenol	15.00	139	264963	90.959	ng		91
57) 2,4-Dinitrotoluene	15.16	165	218629	55.715	ng	#	86
58) Fluorene	15.84	166	637076	43.995	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	195205	51.453	ng		96
60) Diethylphthalate	15.59	149	683061	41.392	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	335170	40.877	ng		98
62) 4-Nitroaniline	15.87	138	170994	50.819	ng		94
63) Azobenzene	16.11	77	608798	37.745	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	132055	61.221	ng		91
66) n-Nitrosodiphenylamine	16.04	169	586157	39.045	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	227744	41.580	ng		93
68) Hexachlorobenzene	16.83	284	236973	43.122	ng		94
69) Atrazine	16.98	200	138195	25.190	ng		98
70) Pentachlorophenol	17.18	266	300748	78.743	ng		98
71) Phenanthrene	17.58	178	1069064	41.836	ng		98
72) Anthracene	17.67	178	1084084	43.070	ng		97
73) Carbazole	17.94	167	959618	38.202	ng		99
74) Di-n-butylphthalate	18.47	149	1163548	39.704	ng		99
75) Fluoranthene	19.58	202	1281705	43.214	ng		99
77) Benzidine	19.76	184	903411	55.237	ng		99
78) Pyrene	19.94	202	1280011	41.218	ng		98
80) Butylbenzylphthalate	20.81	149	560088	42.754	ng		95
81) Benzo(a)anthracene	21.81	228	1264399	42.895	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	465771	42.615	ng		99
83) Chrysene	21.88	228	1186336	42.278	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	773723	41.400	ng		100
85) Di-n-octyl phthalate	22.93	149	1314009	42.557	ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1445524	48.014	ng		99
88) Benzo(b)fluoranthene	24.12	252	1248216	46.974	ng		99
89) Benzo(k)fluoranthene	24.20	252	1209707	45.344	ng		99
90) Benzo(a)pyrene	25.05	252	1229280	48.035	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	1172578	48.926	ng		99
92) Benzo(g,h,i)perylene	30.34	276	1197423	50.127	ng		98

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

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